



*Independent Statistics & Analysis*

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Administration

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# Petroleum Marketing Monthly

February 2022



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## Preface

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The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

### Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

### Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

## Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, *United States* includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly (PMM)* to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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## Highlights

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### Crude oil

- November monthly average crude oil prices mostly retreated from the long-term high levels seen in October data. The average domestic crude oil first purchase price registered the largest decrease, falling \$2.06 (2.6%) to \$76.45 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil declined \$1.03 (1.4%) to \$72.42 per barrel. The average landed cost of foreign crude oil decreased 89 cents (1.2%) to \$74.81 per barrel.
- The average refiner acquisition cost for domestic crude oil fell \$1.12 (1.4%) to \$79.70 per barrel. The average cost of imported crude oil rose 7 cents (0.1%) to \$76.15 per barrel. The composite refiner acquisition cost for crude oil declined 53 cents (0.7%) to \$78.35 per barrel.

### Petroleum products

#### *Motor gasoline*

- The monthly average wholesale price for refiner sales of motor gasoline remained essentially flat in November, retreating 0.8 cent to \$2.486 per gallon.
- Refiner sales of finished motor gasoline rose in November. Total refiner motor gasoline sales reached an average of 304.1 million gallons per day, reflecting an increase of 3.4 million gallons per day (1.1%). DTW sales accounted for 6.7% of wholesales, while rack and bulk sales explained 89.4% and 3.9%, respectively.

#### *No. 2 distillate*

- Monthly average prices for refiner sales of No. 2 distillates also declined in November. The retail sales price for No. 2 diesel fuel fell 2.8 cents to \$2.533 per gallon, while the average wholesale price declined 5.0 cents to \$2.454 per gallon. The average retail price for sales of No. 2 fuel oil decreased 2.7 cents to \$2.651, while the average wholesale price fell 8.9 cents to \$2.267 per gallon.
- November sales of No. 2 ultra-low sulfur diesel fuel by refiners fell at the wholesale level, declining 3.4 million gallons per day (2.2%) to 148.6 million gallons per day.

#### *Residual fuel oil*

- Refiner prices for residual fuel oil show mixed trends in November. The average retail price for residual fuel oil rose 5.0 cents to \$2.141 per gallon, while the average wholesale price declined 14.2 cents to \$1.927 per gallon.
- Refiner residual fuel oil sales fell 200,000 gallons per day (2.5%) to 7.8 million gallons per day in November. Retail sales rose 200,000 gallons per day (10.0%), while wholesale sales decreased 400,000 gallons per day (6.7%).

#### *Other products*

- Refiner prices for sales of propane and No. 1 distillate decreased at both the retail and wholesale levels in November, while prices for kerosene-type jet fuel rose slightly in both sales categories. Aviation gasoline prices fell at retail, but increased at wholesale, while prices for kerosene show the opposite pattern.
- Refiner sales of the remaining surveyed products varied in November. Sales of propane and aviation gasoline fell at retail, while wholesale sales increased. Kerosene-type jet fuel sales rose at the retail level, but declined at wholesale. Sales of kerosene decreased in both sales categories, while No. 1 distillate sales increased at the retail and wholesale levels.

**Table HL1. U.S. refiner prices and volumes of petroleum products**

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	November 2021		October 2021		November 2020		November 2021		October 2021		November 2020	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
<b>Motor gasoline</b>	3.318	4.6	3.201	4.6	1.736	19.0	2.486	299.5	2.494	296.1	1.287	260.0
<b>Conventional</b>	2.919	W	2.887	W	1.555	11.9	2.392	207.0	2.421	203.3	1.228	178.6
Regular	2.854	W	2.811	W	1.495	10.4	2.357	184.6	2.384	180.7	1.191	157.2
Midgrade	3.171	W	3.153	W	1.791	0.6	2.548	0.9	2.596	0.9	1.391	1.0
Premium	W	W	W	W	2.101	0.9	2.680	21.5	2.722	21.7	1.503	20.5
<b>Reformulated</b>	W	W	W	W	2.036	7.2	2.696	92.5	2.653	92.8	1.415	81.4
Regular	W	W	W	W	1.900	5.1	2.624	76.4	2.589	76.4	1.359	65.6
Midgrade	W	W	W	W	2.255	0.7	2.899	0.3	2.824	0.4	1.579	0.3
Premium	W	W	W	W	2.432	1.3	3.042	15.8	2.953	16.0	1.652	15.5
<b>Aviation gasoline</b>	3.778	0.0	3.783	0.0	2.485	0.0	3.410	0.4	3.367	0.4	2.123	0.3
<b>Kerosene-type jet fuel</b>	2.309	30.4	2.303	29.2	1.216	22.1	2.283	27.8	2.281	28.2	1.180	20.9
<b>Propane (consumer grade)</b>	1.295	3.2	1.459	4.4	0.577	3.7	1.329	28.1	1.460	25.5	0.630	25.3
<b>Kerosene</b>	3.738	0.0	3.425	0.0	W	W	2.405	1.1	2.434	1.4	1.322	0.9
<b>No. 1 distillate</b>	2.859	0.1	2.864	0.1	1.769	0.2	2.684	2.0	2.791	1.0	1.647	1.7
<b>No. 2 distillate</b>	2.535	8.4	2.562	8.0	1.485	9.5	2.447	156.0	2.499	158.3	1.306	152.1
<b>No. 2 fuel oil</b>	2.651	0.1	2.678	0.1	1.760	0.1	2.267	6.4	2.356	5.4	1.156	8.4
<b>No. 2 diesel fuel</b>	2.533	8.3	2.561	7.9	1.482	9.4	2.454	149.6	2.504	152.9	1.315	143.7
Ultra low sulfur	W	W	W	W	1.489	9.2	2.454	148.6	2.504	152.0	1.315	142.8
Low sulfur	-	-	-	-	W	W	-	-	-	-	-	-
High sulfur	W	W	W	W	W	W	2.446	1.0	2.507	0.9	1.243	0.9
<b>No. 4 fuel[a]</b>	-	-	-	-	-	-	W	W	W	W	W	W
<b>Residential fuel oil</b>	2.141	2.2	2.091	2.0	1.145	2.0	1.927	5.6	2.069	6.0	1.145	5.4
Sulfur content not > 1%	W	W	W	W	W	W	2.065	2.2	2.124	3.9	1.164	3.8
Sulfur content > 1%	1.827	W	1.876	W	1.068	W	1.834	3.4	1.964	2.1	1.098	1.6

NA = Not available.

- = No data reported.

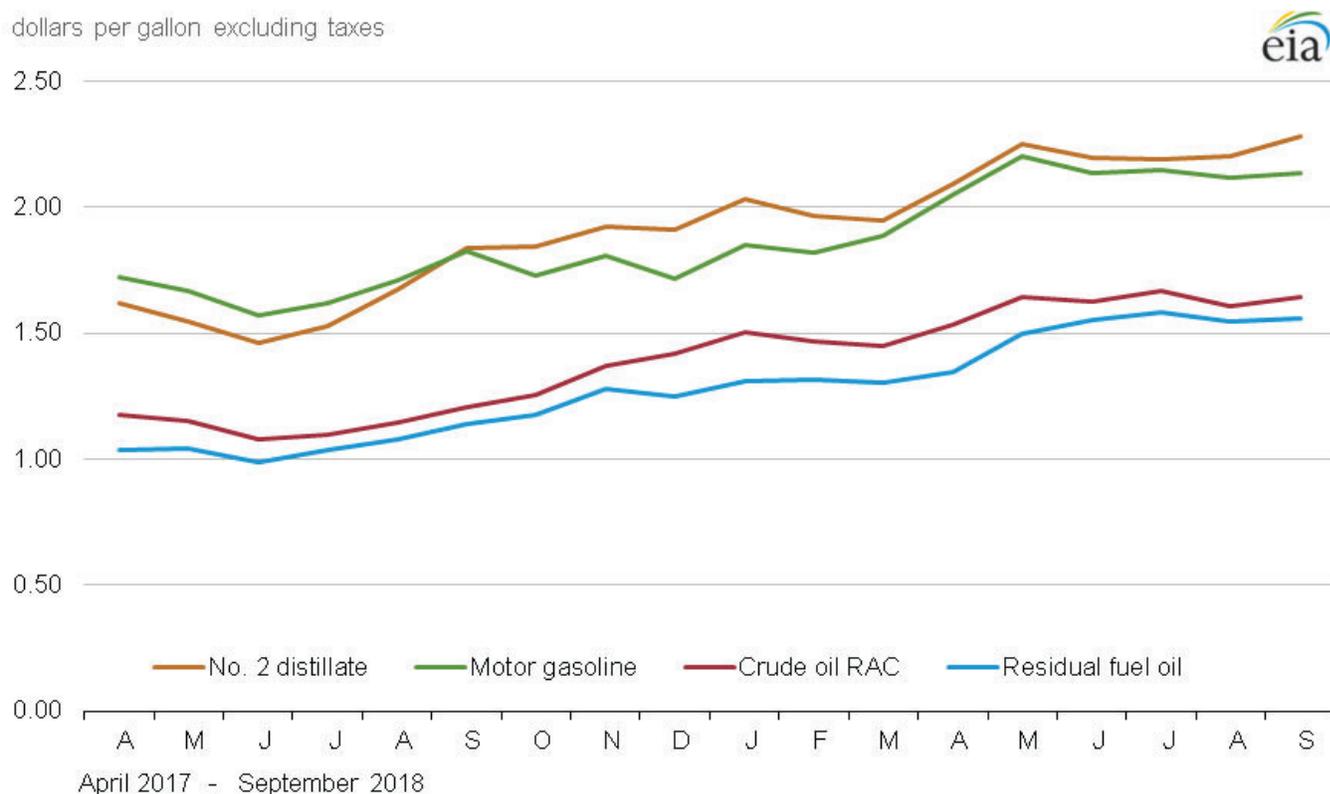
W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure HL1. Crude oil and petroleum product wholesale prices



Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, "Refiners' Monthly Cost Report"; petroleum product prices: Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Note: RAC stands for refiner acquisition cost.

# Summary Statistics

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**Table 1. Crude oil prices**

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
<b>1997 average</b>	17.23	16.94	18.11	19.61	18.53	19.04
<b>1998 average</b>	10.87	10.76	11.84	13.18	12.04	12.52
<b>1999 average</b>	15.56	16.47	17.23	17.90	17.26	17.51
<b>2000 average</b>	26.72	26.27	27.53	29.11	27.70	28.26
<b>2001 average</b>	21.84	20.46	21.82	24.33	22.00	22.95
<b>2002 average</b>	22.51	22.63	23.91	24.65	23.71	24.10
<b>2003 average</b>	27.56	25.86	27.69	29.82	27.71	28.53
<b>2004 average</b>	36.77	33.75	36.07	38.97	35.90	36.98
<b>2005 average</b>	50.28	47.60	49.29	52.94	48.86	50.24
<b>2006 average</b>	59.69	57.03	59.11	62.62	59.02	60.24
<b>2007 average</b>	66.52	66.36	67.97	69.65	67.04	67.94
<b>2008 average</b>	94.04	90.32	93.33	98.47	92.77	94.74
<b>2009 average</b>	56.35	57.78	60.23	59.49	59.17	59.29
<b>2010 average</b>	74.71	74.19	76.50	78.01	75.86	76.69
<b>2011 average</b>	95.73	101.66	102.92	100.71	102.63	101.87
<b>2012 average</b>	94.52	99.78	101.00	100.72	101.09	100.93
<b>2013 average</b>	95.99	96.56	96.99	102.91	98.11	100.49
<b>2014 average</b>	87.39	85.65	88.16	94.05	89.56	92.02
<b>2015 average</b>	44.39	41.91	45.38	49.94	46.38	48.39
<b>2016 average</b>	38.29	36.37	38.56	42.41	38.75	40.66
<b>2017 average</b>	48.05	45.58	48.50	52.05	49.12	50.68
<b>2018 average</b>	61.40	56.31	58.89	67.05	60.95	64.38
<b>2019 average</b>	55.59	54.27	56.60	60.31	57.94	59.38
<b>2020</b>						
January	56.55	46.98	51.20	60.39	53.87	57.92
February	49.66	42.13	44.69	54.01	47.39	51.37
March	31.01	24.16	27.14	35.00	28.50	32.55
April	15.18	14.22	17.50	21.07	16.74	19.32
May	18.02	19.28	22.73	24.43	22.56	23.55
June	33.81	33.74	36.17	37.25	36.14	36.80
July	37.44	36.73	38.97	40.56	39.33	40.08
August	39.37	37.39	40.15	42.83	41.72	42.42
September	36.82	36.06	38.19	40.41	38.73	39.81
October	36.39	34.35	37.11	40.06	37.81	39.21
November	38.25	36.44	39.28	41.56	39.15	40.68
December	43.92	41.86	44.78	46.69	45.34	46.20
<b>2020 average</b>	36.86	33.66	36.42	41.23	37.41	39.75
<b>2021</b>						
January	49.73	46.77	49.38	52.45	49.52	51.36
February	56.72	53.08	55.50	60.14	55.67	58.39
March	60.67	57.48	59.12	63.24	59.78	61.96
April	59.87	57.83	60.75	63.25	60.86	62.39
May	62.80	61.76	63.92	65.94	63.81	65.15
June	68.57	64.97	67.50	71.60	68.85	70.54
July	70.12	65.73	68.11	73.28	69.88	71.97
August	65.67	63.00	65.82	69.27	65.66	67.87
September	69.08	R66.36	R68.66	72.38	69.26	71.09
October	78.51	R73.45	R75.70	80.82	76.08	78.88
November	76.45	72.42	74.81	R79.70	R76.15	R78.35
December[c]	NA	NA	NA	E73.72	E73.96	E73.81

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

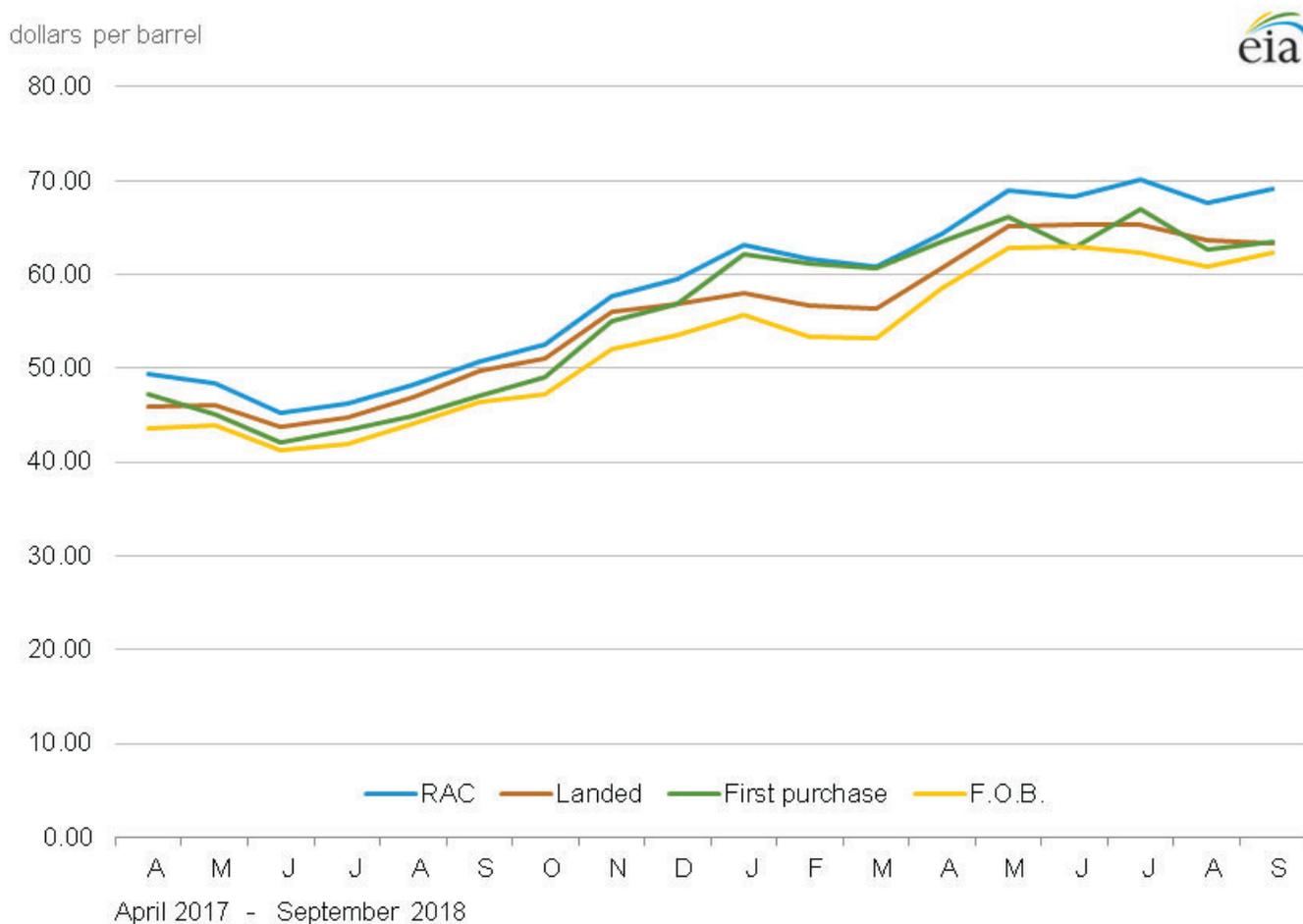
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, Refiners' Monthly Cost Report.

Figure 1. Crude oil prices



Sources: U.S. Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report"; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report"; and Form EIA-14, "Refiners' Monthly Cost Report."  
 Note: RAC stands for refiner acquisition cost.

**Table 1A. Refiner acquisition cost of crude oil by PAD Districts**

dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
<b>2004</b>	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
<b>2005</b>	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
<b>2006</b>	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
<b>2007</b>	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
<b>2008</b>	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
<b>2009</b>	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
<b>2010</b>	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
<b>2011</b>	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
<b>2012</b>	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
<b>2013</b>	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
<b>2014</b>	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
<b>2015</b>	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
<b>2016</b>	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
<b>2017</b>	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
<b>2018</b>	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
<b>2019</b>	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
<b>2020</b>									
January	60.39	53.87	57.92	63.24	64.08	63.77	58.99	45.98	52.41
February	54.01	47.39	51.37	57.27	57.28	57.28	50.76	38.20	43.93
March	35.00	28.50	32.55	35.93	37.10	36.60	30.59	21.65	25.64
April	21.07	16.74	19.32	27.42	26.07	26.65	19.25	13.19	15.86
May	24.43	22.56	23.55	36.45	30.34	32.24	25.07	17.46	21.15
June	37.25	36.14	36.80	42.97	37.34	39.27	38.11	35.22	36.74
July	40.56	39.33	40.08	45.44	43.76	44.18	41.15	37.50	39.42
August	42.83	41.72	42.42	45.83	44.95	45.16	42.71	39.73	41.26
September	40.41	38.73	39.81	43.67	41.74	42.25	40.30	35.84	38.36
October	40.06	37.81	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	41.56	39.15	40.68	45.02	43.61	44.02	41.67	36.52	39.40
December	46.69	45.34	46.20	51.51	49.60	49.99	47.37	42.65	45.32
<b>2020</b>	41.23	37.41	39.75	44.76	43.73	44.07	40.66	33.48	37.17
<b>2021</b>									
January	52.45	49.52	51.36	55.93	54.38	54.66	52.50	45.81	49.22
February	60.14	55.67	58.39	63.55	60.82	61.53	59.98	50.97	55.77
March	63.24	59.78	61.96	66.89	65.74	65.96	63.77	56.82	60.50
April	63.25	60.86	62.39	68.22	65.59	65.94	63.54	57.02	60.74
May	65.94	63.81	65.15	69.76	68.63	68.81	66.61	60.89	64.09
June	71.60	68.85	70.54	74.97	73.18	73.44	72.25	65.37	69.34
July	73.28	69.88	71.97	76.48	74.82	75.09	74.18	66.54	70.92
August	69.27	65.66	67.87	73.16	71.73	71.97	69.79	61.90	66.52
September	72.38	69.26	71.09	76.34	73.99	74.31	73.18	66.19	70.18
October	80.82	76.08	78.88	83.82	82.61	82.81	82.55	71.33	76.68
November	R79.70	R76.15	R78.35	83.34	82.33	82.48	81.10	73.55	77.63

See footnotes at end of table.

**Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)**

dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
<b>2004</b>	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
<b>2005</b>	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
<b>2006</b>	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
<b>2007</b>	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
<b>2008</b>	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
<b>2009</b>	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
<b>2010</b>	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
<b>2011</b>	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
<b>2012</b>	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
<b>2013</b>	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
<b>2014</b>	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
<b>2015</b>	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
<b>2016</b>	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
<b>2017</b>	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
<b>2018</b>	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
<b>2019</b>	60.44	59.49	60.19	54.65	49.53	52.26	64.45	64.24	64.34
<b>2020</b>									
January	60.28	55.09	58.98	52.65	44.72	48.44	64.71	64.37	64.55
February	54.68	50.56	53.63	50.06	37.62	43.01	55.80	56.88	56.39
March	35.96	30.62	34.73	34.39	20.63	27.31	36.05	36.02	36.04
April	20.84	15.84	19.32	21.00	11.01	16.10	23.00	24.54	23.68
May	22.21	23.44	22.73	25.68	13.89	17.68	30.20	31.65	30.82
June	36.58	36.30	36.49	38.04	35.35	36.27	37.69	37.79	37.73
July	40.05	39.73	39.96	40.55	34.81	36.99	41.35	42.74	41.97
August	42.72	42.21	42.59	41.34	38.94	40.26	43.67	44.45	44.02
September	40.41	39.79	40.26	38.88	35.67	37.47	40.83	42.11	41.39
October	40.22	38.52	39.74	38.29	34.21	35.84	39.96	40.98	40.40
November	41.47	39.91	41.05	39.61	36.01	37.40	41.92	42.82	42.27
December	46.17	45.93	46.11	44.84	40.18	42.14	48.34	48.75	48.52
<b>2020</b>	41.15	37.60	40.16	39.40	32.47	35.46	42.46	44.11	43.21
<b>2021</b>									
January	52.20	50.39	51.78	50.24	44.33	47.35	54.05	53.70	53.88
February	59.95	57.13	59.27	58.24	49.29	52.71	61.04	61.17	61.11
March	62.76	59.72	62.07	61.92	54.10	56.91	64.71	64.53	64.63
April	62.94	61.23	62.53	61.73	56.70	59.60	64.33	63.99	64.15
May	65.46	63.43	65.01	64.88	58.65	61.29	67.34	67.31	67.33
June	71.11	69.15	70.63	70.67	62.58	65.65	72.95	72.82	72.87
July	72.92	70.41	72.27	71.61	63.28	66.66	73.72	73.87	73.81
August	69.06	66.01	68.29	67.21	59.92	62.59	69.71	69.73	69.72
September	71.84	69.32	71.15	71.06	61.16	64.89	73.69	74.08	73.92
October	79.91	77.13	79.23	80.20	71.10	74.96	82.56	82.14	82.32
November	79.06	75.79	78.26	78.55	72.25	74.83	80.73	79.48	80.09

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-14, Refiners' Monthly Cost Report, January 2004 to present.

**Table 2. U.S. refiner prices of petroleum products to end users**

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate				Residual fuel oil	
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average		No. 4 fuel[a]
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662
2019	2.245	W	1.970	0.603	W	2.449	2.114	2.269	2.115	-	1.584
<b>2020</b>											
January	2.150	W	1.958	0.502	W	2.473	2.002	2.328	2.006	-	1.939
February	2.060	W	1.667	0.469	W	2.305	1.835	2.113	1.838	-	1.735
March	1.862	W	1.257	0.378	W	2.080	1.486	1.813	1.489	-	1.371
April	1.490	W	0.740	0.368	W	1.551	1.137	1.220	1.138	-	0.976
May	1.598	W	0.728	0.421	W	1.305	1.130	1.162	1.130	-	0.817
June	1.768	W	1.046	0.515	3.321	1.483	1.354	1.338	1.354	-	0.949
July	1.806	2.761	1.175	0.518	3.059	1.483	1.431	1.394	1.431	-	1.071
August	1.814	2.805	1.188	0.541	3.163	W	1.456	1.464	1.456	-	1.224
September	1.804	2.613	1.110	0.508	W	1.759	1.386	1.411	1.386	-	1.200
October	1.773	2.495	1.134	0.548	W	1.878	1.400	1.360	1.400	-	1.151
November	1.736	2.485	1.216	0.577	W	1.769	1.482	1.760	1.485	-	1.145
<b>2020</b>	1.829	2.685	1.293	0.502	W	1.891	1.486	1.660	1.488	-	1.246
<b>2021</b>											
January	1.986	2.829	1.485	0.908	W	2.022	1.713	2.103	1.715	-	1.462
February	2.201	3.148	1.642	0.972	W	2.190	1.933	2.173	1.935	-	1.617
March	2.442	3.364	1.763	0.964	W	2.324	2.111	2.323	2.113	-	1.766
April	2.493	3.363	1.724	0.851	W	2.322	2.090	2.185	2.091	-	1.756
May	2.683	3.447	1.822	0.833	W	2.380	2.177	2.291	2.177	-	1.760
June	3.000	3.492	1.906	0.966	W	2.514	2.228	2.341	2.228	-	1.867
July	3.105	W	1.981	1.096	2.860	2.593	2.282	2.505	2.283	-	1.969
August	3.146	W	1.965	1.122	W	2.596	2.266	2.395	2.267	-	1.901
September	3.143	W	2.032	1.296	2.817	2.614	2.323	2.387	2.324	-	1.950
October	3.201	3.783	R2.303	1.459	3.425	2.864	R2.561	2.678	R2.562	-	R2.091
November	3.318	3.778	2.309	1.295	3.738	2.859	2.533	2.651	2.535	-	2.141

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

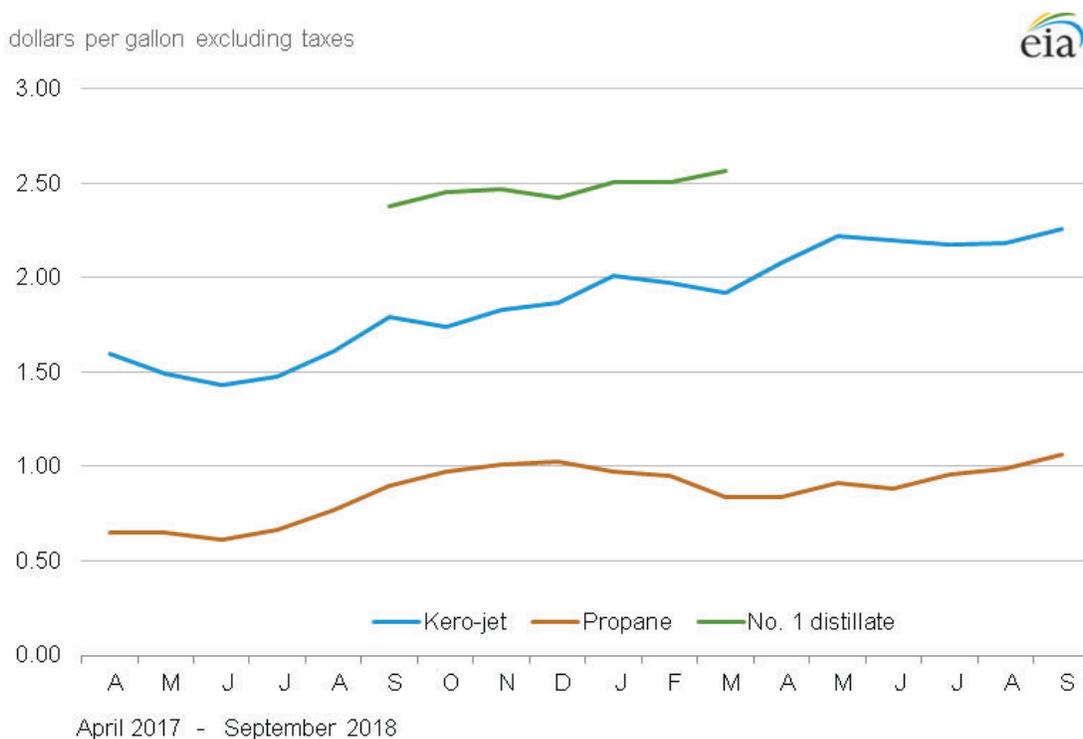
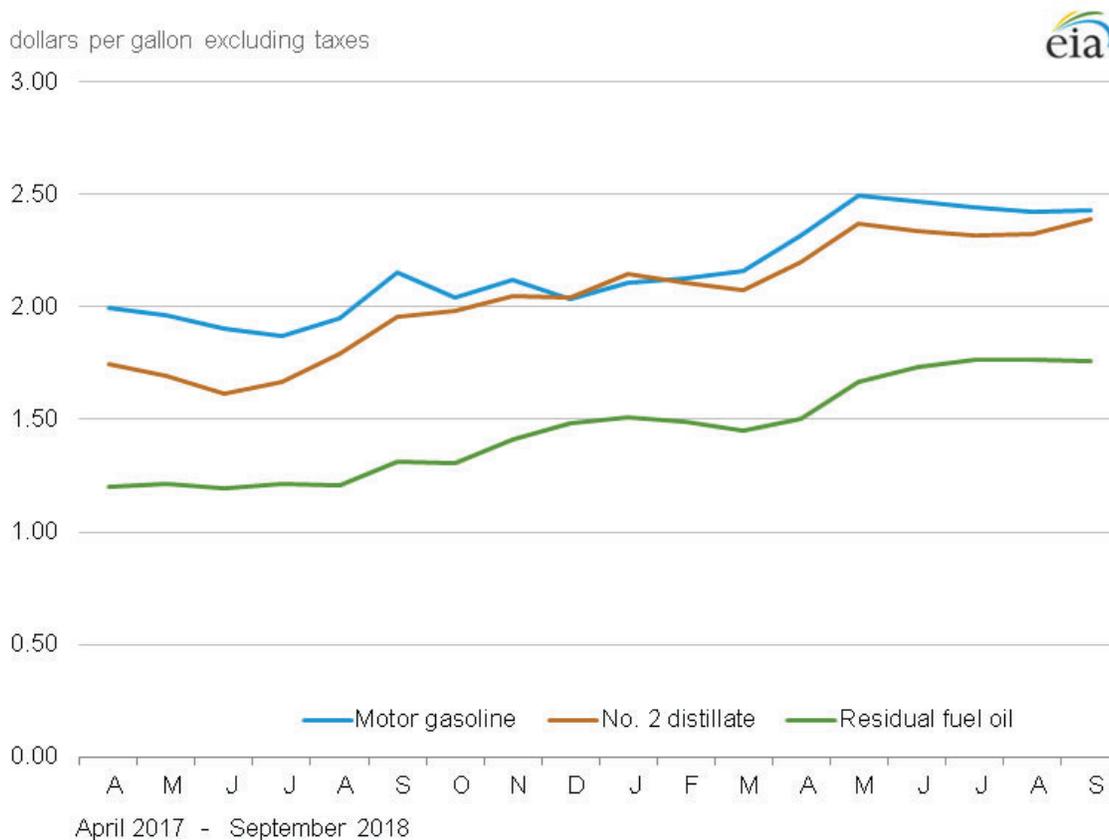
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 2. U.S. Refiner retail petroleum product prices



Sources: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report."

**Table 3. U.S. refiner volumes of petroleum products to end users**  
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate				Residual fuel oil	
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average		No. 4 fuel[a]
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-	3.5
2019	24.2	W	31.5	3.0	W	0.1	11.9	0.1	12.0	-	2.6
<b>2020</b>											
January	22.8	W	31.2	3.7	W	0.2	11.0	0.2	11.1	-	1.8
February	23.3	W	30.0	4.1	W	0.1	11.2	0.1	11.3	-	2.4
March	18.5	W	27.2	4.3	W	0.1	10.5	0.1	10.6	-	2.0
April	12.4	W	13.8	2.8	W	0.1	10.5	0.1	10.6	-	2.3
May	15.6	W	14.2	3.0	W	0.1	9.2	0.1	9.3	-	1.6
June	19.1	W	18.2	2.1	0.0	0.0	9.2	0.1	9.3	-	1.8
July	20.6	0.0	20.2	2.2	0.0	0.1	9.4	0.1	9.6	-	2.0
August	20.6	0.0	21.1	2.4	0.0	W	9.3	0.1	9.4	-	1.7
September	20.5	0.0	20.2	3.4	W	0.1	9.5	0.1	9.5	-	1.9
October	20.7	0.0	20.5	3.0	W	0.1	9.7	0.1	9.9	-	2.9
November	19.0	0.0	22.1	3.7	W	0.2	9.4	0.1	9.5	-	2.0
<b>2020</b>	19.3	0.0	21.9	3.2	W	0.1	9.8	0.1	9.9	-	2.1
<b>2021</b>											
January	18.1	0.0	21.3	3.9	W	0.1	9.3	0.1	9.3	-	2.1
February	18.5	0.0	20.7	4.2	W	0.2	9.3	0.1	9.4	-	2.0
March	20.1	0.0	24.4	3.0	W	0.1	9.7	0.1	9.8	-	2.1
April	20.8	0.0	26.0	3.4	W	0.1	10.0	0.1	10.1	-	2.0
May	12.2	0.0	26.4	3.0	W	0.0	9.0	0.1	9.1	-	1.8
June	4.9	0.0	28.0	3.2	W	0.0	8.8	0.1	8.8	-	2.2
July	4.8	W	28.3	4.6	0.0	0.0	7.9	0.0	8.0	-	1.8
August	4.8	W	31.3	4.2	W	0.1	8.0	0.1	8.0	-	2.0
September	4.7	W	30.8	5.2	0.0	0.1	8.2	0.1	8.3	-	1.8
October	4.6	0.0	R29.2	4.4	0.0	0.1	7.9	0.1	8.0	-	2.0
November	4.6	0.0	30.4	3.2	0.0	0.1	8.3	0.1	8.4	-	2.2

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

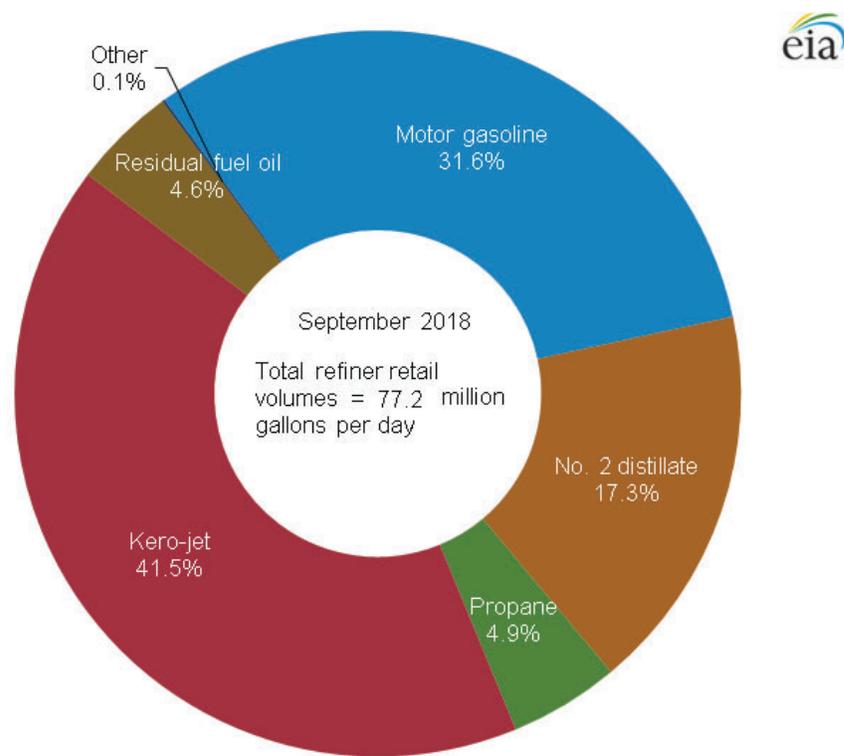
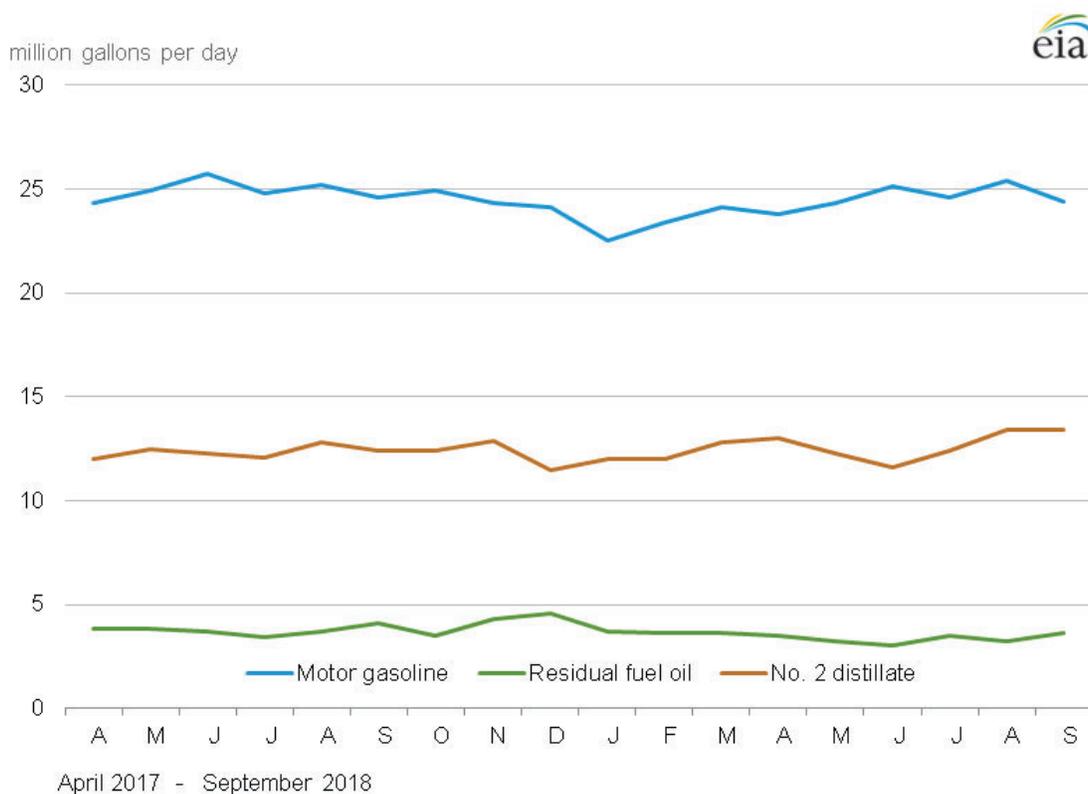
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. Refiner retail petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 4. U.S. refiner prices of petroleum products for resale**

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate				Residual fuel oil	
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average		No. 4 fuel[a]
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463
2019	1.858	2.842	1.929	0.622	2.017	2.296	1.958	1.895	1.955	W	1.428
<b>2020</b>											
January	1.743	2.752	1.891	0.557	2.008	2.171	1.858	1.863	1.858	W	1.675
February	1.669	2.698	1.613	0.530	1.802	1.968	1.671	1.627	1.668	W	1.540
March	1.127	2.279	1.189	0.410	1.115	1.579	1.278	1.238	1.275	W	1.121
April	0.645	1.590	0.703	0.378	0.837	1.193	0.908	0.872	0.906	W	0.733
May	1.049	1.869	0.690	0.454	0.848	1.115	0.878	0.795	0.873	W	0.775
June	1.311	2.134	1.002	0.514	1.099	1.424	1.135	1.002	1.129	W	1.017
July	1.380	2.253	1.144	0.507	1.172	1.526	1.254	1.152	1.251	W	1.137
August	1.389	2.219	1.162	0.536	1.250	1.526	1.275	1.179	1.273	W	1.135
September	1.354	2.246	1.076	0.516	1.215	1.445	1.195	1.091	1.191	W	1.066
October	1.312	2.217	1.107	0.597	1.293	1.499	1.215	1.089	1.210	W	1.041
November	1.287	2.123	1.180	0.630	1.322	1.647	1.315	1.156	1.306	W	1.145
<b>2020</b>	1.330	2.233	1.295	0.535	1.310	1.772	1.286	1.246	1.284	W	1.143
<b>2021</b>											
January	1.575	2.482	1.456	0.922	1.688	1.798	1.580	1.481	1.574	W	1.432
February	1.784	2.659	1.599	1.032	1.939	2.049	1.806	1.667	1.796	W	1.518
March	2.011	2.978	1.720	0.985	1.854	2.244	1.956	1.726	1.944	W	1.683
April	2.055	3.018	1.688	0.849	1.816	2.134	1.911	1.700	1.903	W	1.686
May	2.181	3.107	1.790	0.824	1.800	2.362	2.072	1.806	2.064	W	1.736
June	2.252	3.190	1.871	0.950	1.907	2.449	2.147	1.927	2.141	W	1.783
July	2.337	3.337	1.946	1.075	1.940	2.467	2.182	1.931	2.177	W	1.818
August	2.302	3.299	1.922	1.110	1.899	2.446	2.146	1.885	2.142	W	1.776
September	2.310	3.248	2.008	1.280	2.109	2.475	2.240	2.041	2.235	W	1.845
October	R2.494	R3.367	R2.281	1.460	2.434	R2.791	R2.504	R2.356	R2.499	W	R2.069
November	2.486	3.410	2.283	1.329	2.405	2.684	2.454	2.267	2.447	W	1.927

W = Withheld to avoid disclosure of individual company data.

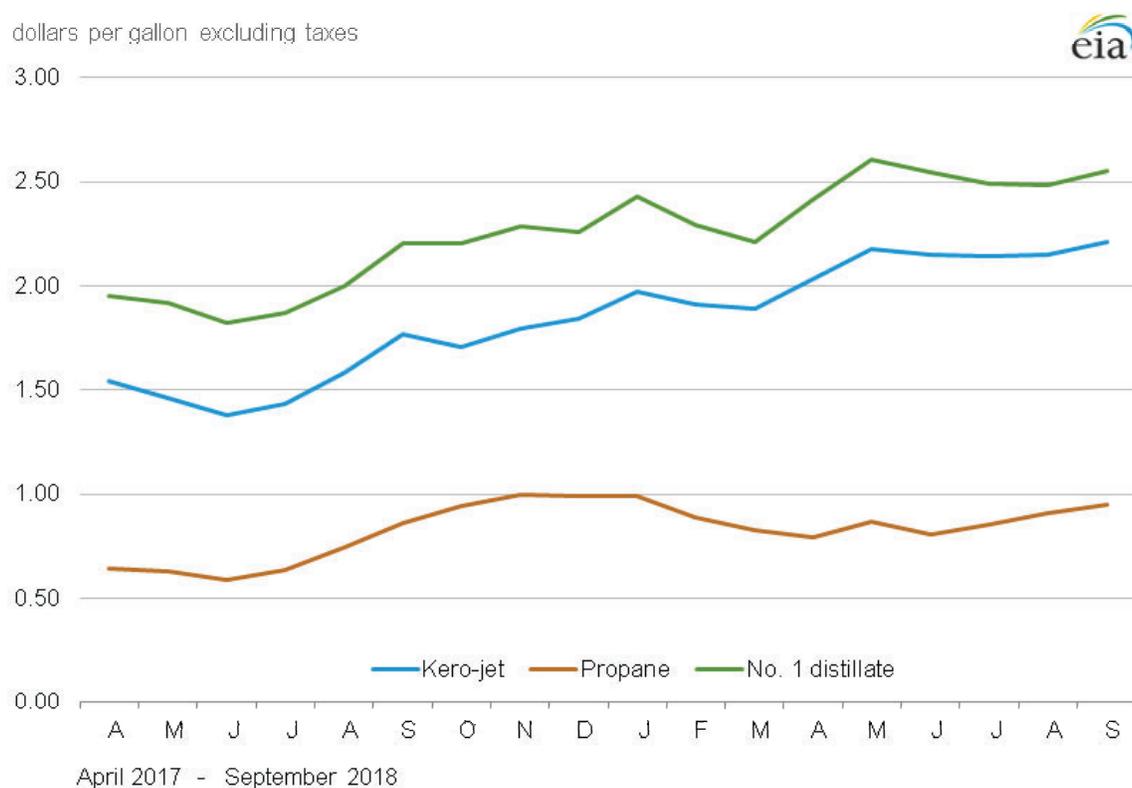
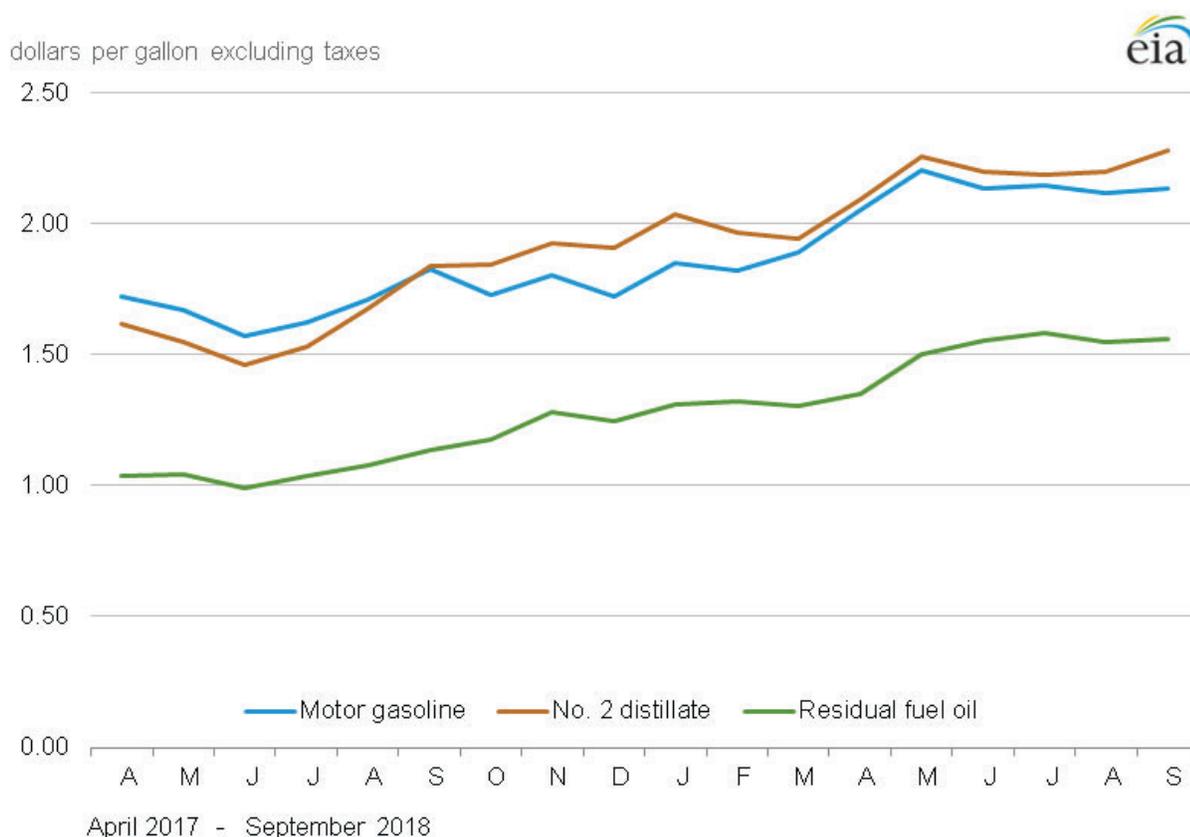
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. Refiner wholesale petroleum product prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 5. U.S. refiner volumes of petroleum sales for resale**

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 2 distillate				Residual fuel oil	
						No. 1 distillate	No. 2 diesel fuel	No. 2 fuel oil	Average		No. 4 fuel[a]
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6
2019	301.9	0.4	41.1	31.4	1.2	1.4	160.2	9.1	169.4	W	7.5
<b>2020</b>											
January	282.8	0.5	40.7	40.4	1.0	2.6	153.3	11.9	165.2	W	6.9
February	290.0	0.4	38.8	34.7	0.7	2.1	150.9	10.4	161.4	W	7.8
March	250.9	0.4	35.4	31.7	0.9	0.9	154.5	9.1	163.7	W	7.9
April	188.1	0.3	13.3	23.6	0.7	0.5	152.6	8.5	161.1	W	8.7
May	231.4	0.4	11.3	19.2	0.8	0.2	153.8	9.3	163.0	W	5.8
June	270.5	0.4	14.7	17.0	0.7	0.1	153.2	6.0	159.2	W	5.7
July	274.4	0.4	18.0	19.0	1.1	0.2	143.4	3.9	147.2	W	4.4
August	277.2	0.4	17.8	18.0	0.8	0.2	144.3	3.4	147.8	W	4.4
September	273.3	0.4	18.7	22.7	0.8	0.4	152.5	6.0	158.5	W	6.0
October	272.1	0.4	18.1	24.3	0.7	1.3	150.7	6.6	157.4	W	5.8
November	260.0	0.3	20.9	25.3	0.9	1.7	143.7	8.4	152.1	W	5.4
<b>2020</b>	260.5	0.4	22.5	25.6	0.8	1.0	149.6	7.8	157.4	W	6.1
<b>2021</b>											
January	246.5	0.4	20.8	32.6	0.9	2.0	134.6	9.1	143.7	W	4.9
February	251.0	0.3	20.4	36.8	1.1	3.3	135.2	10.6	145.8	W	4.9
March	271.8	0.4	25.9	24.9	0.4	0.8	147.1	7.9	155.0	W	7.0
April	283.4	0.5	28.5	19.8	0.3	0.4	151.0	5.6	156.6	W	4.9
May	297.7	0.4	27.2	20.0	0.5	0.1	143.8	4.6	148.5	W	5.1
June	312.4	0.5	30.6	19.7	0.5	0.1	157.6	4.1	161.7	W	5.8
July	312.6	0.6	30.7	19.7	0.7	0.1	146.6	2.7	149.4	W	4.1
August	308.7	0.5	29.2	20.8	0.7	0.2	150.3	2.3	152.6	W	4.9
September	304.0	0.5	28.8	23.5	0.9	0.5	154.6	4.1	158.7	W	4.9
October	R296.1	0.4	R28.2	25.5	1.4	1.0	R152.9	R5.4	R158.3	W	R6.0
November	299.5	0.4	27.8	28.1	1.1	2.0	149.6	6.4	156.0	W	5.6

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

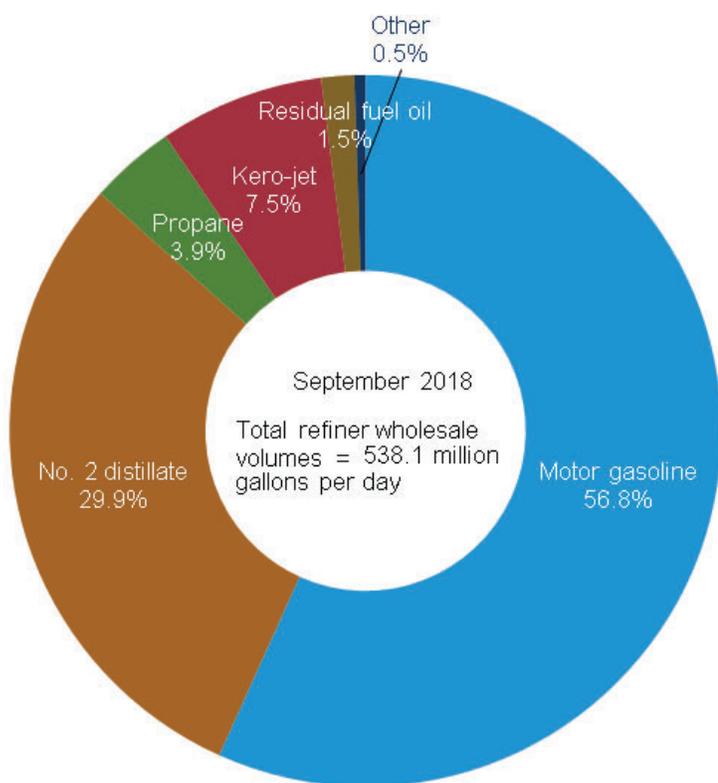
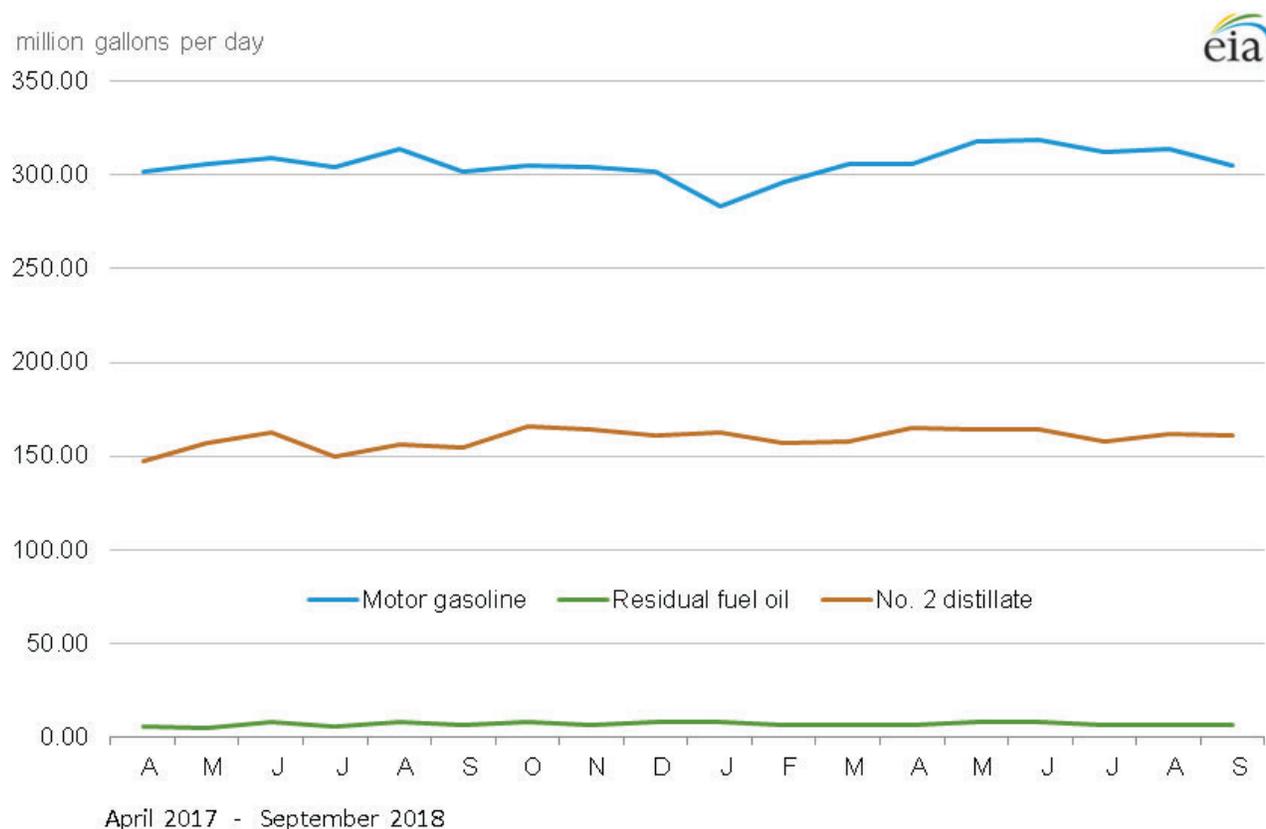
R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. Refiner wholesale petroleum product volumes



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

**Table 6. U.S. refiner motor gasoline prices by grade and sales type**  
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019	2.160	2.155	2.379	1.776	1.705	1.810	2.543	2.540	2.548	1.978	-	2.033
<b>2020</b>												
January	2.069	2.062	2.211	1.662	1.627	1.695	2.446	2.442	2.431	1.862	-	1.918
February	1.975	1.969	2.180	1.584	1.530	1.620	2.368	2.363	2.392	1.787	-	1.849
March	1.764	1.760	1.817	1.028	1.077	1.077	2.212	2.205	1.984	1.216	-	1.279
April	1.385	1.380	1.234	0.563	0.551	0.599	1.840	1.829	1.437	0.771	-	0.820
May	1.504	1.501	1.430	0.983	0.786	1.001	1.869	1.863	1.661	1.173	-	1.209
June	1.677	1.673	1.700	1.242	1.077	1.262	2.038	2.033	1.901	1.434	-	1.468
July	1.709	1.708	1.775	1.305	1.198	1.330	2.092	2.087	1.989	1.496	-	1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545
September	1.700	1.698	1.798	1.276	1.192	1.304	2.111	2.106	2.007	1.466	-	1.507
October	1.668	1.666	1.748	1.237	1.190	1.266	2.088	2.083	1.986	1.416	-	1.461
November	1.630	1.629	1.747	1.212	1.134	1.240	2.049	2.044	1.938	1.389	-	1.441
<b>2020</b>	1.733	1.730	1.804	1.252	1.193	1.282	2.128	2.123	2.017	1.434	-	1.482
<b>2021</b>												
January	1.887	1.884	1.978	1.505	1.503	1.531	2.275	2.271	2.183	1.679	-	1.727
February	2.104	2.102	2.181	1.713	1.668	1.739	2.488	2.481	2.382	1.892	-	1.938
March	2.343	2.341	2.463	1.934	1.889	1.963	2.748	2.742	2.663	2.142	-	2.188
April	2.390	2.389	2.558	1.970	1.934	2.003	2.801	2.795	2.785	2.179	-	2.232
May	2.569	2.566	2.702	2.092	2.077	2.128	2.981	2.972	2.894	2.303	-	2.353
June	2.884	2.868	2.769	2.162	2.097	2.198	3.197	3.171	2.960	2.399	-	2.448
July	2.985	2.969	2.844	2.246	2.203	2.281	3.313	3.295	3.044	2.496	-	2.543
August	3.026	3.008	2.873	2.206	2.208	2.247	3.367	3.348	3.072	2.447	-	2.502
September	3.021	3.003	2.825	2.225	2.141	2.259	3.387	3.365	3.014	2.447	-	2.502
October	3.081	3.061	3.000	2.411	R2.363	2.445	3.457	3.435	3.177	R2.598	-	R2.658
November	3.201	3.173	3.119	2.395	2.333	2.435	3.608	3.586	3.263	2.565	-	2.641

See footnotes at end of table.

**Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)**

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019	2.785	2.772	2.652	2.147	1.967	2.202	2.251	2.245	2.439	1.818	1.737	1.858
<b>2020</b>												
January	2.698	2.682	2.518	2.026	1.887	2.081	2.157	2.150	2.279	1.704	1.662	1.743
February	2.625	2.608	2.480	1.950	1.814	2.013	2.067	2.060	2.246	1.626	1.563	1.669
March	2.455	2.450	2.092	1.403	1.236	1.476	1.867	1.862	1.878	1.072	1.100	1.127
April	2.093	2.089	1.505	0.894	0.683	0.949	1.496	1.490	1.297	0.602	0.579	0.645
May	2.118	2.115	1.737	1.322	1.028	1.359	1.602	1.598	1.503	1.027	0.816	1.049
June	2.277	2.276	1.996	1.585	1.277	1.614	1.772	1.768	1.770	1.286	1.117	1.311
July	2.335	2.334	2.081	1.652	1.336	1.692	1.808	1.806	1.849	1.351	1.221	1.380
August	2.355	2.354	2.140	1.652	1.341	1.700	1.816	1.814	1.901	1.356	1.216	1.389
September	2.355	2.354	2.105	1.607	1.309	1.653	1.806	1.804	1.873	1.320	1.216	1.354
October	2.336	2.334	2.052	1.552	1.242	1.596	1.775	1.773	1.823	1.278	1.203	1.312
November	2.302	2.300	2.051	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	1.287
<b>2020</b>	2.373	2.369	2.098	1.589	1.316	1.636	1.832	1.829	1.874	1.294	1.214	1.330
<b>2021</b>												
January	2.531	2.530	2.298	1.807	1.551	1.851	1.988	1.986	2.059	1.543	1.515	1.575
February	2.747	2.745	2.505	2.026	1.803	2.075	2.204	2.201	2.262	1.752	1.694	1.784
March	2.998	2.996	2.788	2.276	2.051	2.331	2.445	2.442	2.543	1.976	1.914	2.011
April	3.055	3.054	2.895	2.320	2.095	2.378	2.495	2.493	2.641	2.015	1.967	2.055
May	3.235	3.232	3.037	2.452	2.203	2.510	2.687	2.683	2.782	2.138	2.101	2.181
June	3.410	3.403	3.115	2.537	2.289	2.598	3.017	3.000	2.849	2.210	2.126	2.252
July	3.531	3.526	3.192	2.638	2.377	2.695	3.121	3.105	2.925	2.296	2.232	2.337
August	3.584	3.578	3.207	2.594	2.420	2.664	3.165	3.146	2.951	2.255	2.239	2.302
September	3.565	3.559	3.153	2.584	2.323	2.643	3.162	3.143	2.902	2.269	2.176	2.310
October	3.630	3.623	3.331	R2.757	2.513	R2.820	3.221	3.201	3.078	2.453	R2.387	R2.494
November	3.789	3.779	3.504	2.757	2.360	2.833	3.346	3.318	3.209	2.438	2.337	2.486

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 7. U.S. refiner motor gasoline volumes by grade and sales type**

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019	19.8	20.1	16.7	234.2	13.1	264.0	1.6	1.6	0.2	1.6	-	1.8
<b>2020</b>												
January	18.6	19.0	15.8	219.5	11.8	247.2	1.5	1.5	0.1	1.3	-	1.5
February	19.0	19.4	16.4	225.9	11.1	253.4	1.5	1.5	0.2	1.3	-	1.5
March	15.2	15.3	13.0	196.2	9.3	218.6	1.2	1.3	0.1	1.3	-	1.4
April	10.0	10.1	8.9	148.9	5.4	163.2	0.9	0.9	0.1	1.0	-	1.1
May	12.5	12.7	11.6	179.7	8.4	199.7	1.1	1.1	0.1	1.3	-	1.4
June	15.4	15.5	13.2	211.0	8.3	232.4	1.3	1.4	0.1	1.5	-	1.6
July	16.6	16.7	13.6	216.5	5.6	235.6	1.4	1.5	0.1	1.6	-	1.7
August	16.6	16.8	14.0	217.3	6.6	237.8	1.5	1.5	0.1	1.5	-	1.7
September	16.5	16.6	13.8	214.3	6.0	234.0	1.5	1.5	0.1	1.4	-	1.5
October	16.7	16.8	13.7	214.2	5.6	233.4	1.5	1.5	0.1	1.3	-	1.4
November	15.3	15.5	12.7	203.0	7.1	222.8	1.4	1.4	0.1	1.2	-	1.3
<b>2020</b>	15.6	15.8	13.2	204.2	7.5	224.9	1.3	1.4	0.1	1.3	-	1.4
<b>2021</b>												
January	14.6	14.7	11.7	195.7	4.8	212.3	1.3	1.3	0.1	1.0	-	1.2
February	14.9	15.1	12.4	197.4	6.6	216.4	1.3	1.4	0.1	1.1	-	1.2
March	16.3	16.4	13.3	216.3	5.9	235.6	1.4	1.4	0.1	1.2	-	1.3
April	16.9	17.0	14.0	223.6	6.3	243.8	1.5	1.5	0.1	1.3	-	1.4
May	9.6	9.7	15.2	233.2	7.4	255.8	0.9	1.0	0.1	1.5	-	1.6
June	3.4	3.5	16.6	244.8	8.2	269.6	0.5	0.5	0.1	1.5	-	1.7
July	3.3	3.5	16.7	245.3	7.7	269.7	0.5	0.5	0.2	1.6	-	1.7
August	3.3	3.4	16.1	244.7	6.0	266.8	0.5	0.5	0.1	1.5	-	1.7
September	3.2	3.4	16.0	239.7	7.1	262.7	0.5	0.5	0.1	1.3	-	1.5
October	3.2	3.3	15.5	R234.8	R6.8	257.1	0.4	0.5	0.1	1.2	-	1.3
November	3.2	3.3	15.3	235.6	10.0	261.0	0.4	0.4	0.1	1.1	-	1.3

See footnotes at end of table.

**Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)**

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019	2.5	2.5	4.6	29.7	1.8	36.1	23.8	24.2	21.4	265.6	14.9	301.9
<b>2020</b>												
January	2.3	2.3	4.4	27.9	1.8	34.1	22.4	22.8	20.3	248.8	13.7	282.8
February	2.3	2.4	4.6	29.0	1.5	35.0	22.9	23.3	21.1	256.3	12.6	290.0
March	1.9	1.9	3.7	25.7	1.6	30.9	18.3	18.5	16.8	223.2	10.9	250.9
April	1.4	1.4	2.6	19.7	1.5	23.8	12.2	12.4	11.6	169.7	6.8	188.1
May	1.8	1.8	3.6	25.6	1.2	30.4	15.5	15.6	15.3	206.5	9.6	231.4
June	2.2	2.2	4.1	30.3	2.0	36.4	18.9	19.1	17.4	242.8	10.3	270.5
July	2.3	2.4	4.2	31.7	1.1	37.1	20.4	20.6	17.9	249.7	6.7	274.4
August	2.4	2.4	4.4	32.2	1.0	37.6	20.5	20.6	18.6	251.0	7.6	277.2
September	2.4	2.4	4.4	31.8	1.5	37.7	20.3	20.5	18.2	247.5	7.6	273.3
October	2.4	2.4	4.4	31.0	1.9	37.3	20.5	20.7	18.2	246.5	7.5	272.1
November	2.2	2.2	4.2	29.5	2.3	36.0	18.9	19.0	17.0	233.6	9.4	260.0
<b>2020</b>	2.1	2.2	4.0	28.6	1.6	34.2	19.1	19.3	17.4	234.1	9.1	260.5
<b>2021</b>												
January	2.0	2.1	3.9	27.5	1.7	33.1	17.9	18.1	15.7	224.3	6.5	246.5
February	2.0	2.1	4.1	27.7	1.5	33.3	18.3	18.5	16.6	226.2	8.1	251.0
March	2.2	2.2	4.3	29.5	1.1	34.9	19.9	20.1	17.7	247.1	7.0	271.8
April	2.3	2.3	4.5	32.0	1.6	38.1	20.7	20.8	18.6	256.8	7.9	283.4
May	1.6	1.6	4.7	33.8	1.8	40.3	12.1	12.2	20.1	268.4	9.2	297.7
June	0.9	0.9	5.0	34.7	1.5	41.1	4.8	4.9	21.7	281.0	9.7	312.4
July	0.9	0.9	5.0	34.7	1.5	41.2	4.7	4.8	21.8	281.6	9.2	312.6
August	0.9	0.9	4.9	34.3	1.0	40.2	4.7	4.8	21.2	280.5	7.0	308.7
September	0.9	0.9	4.9	33.3	1.7	39.8	4.6	4.7	21.0	274.2	8.8	304.0
October	0.8	0.8	4.7	R31.7	1.3	R37.7	4.4	4.6	20.4	R267.7	R8.1	R296.1
November	0.8	0.8	4.7	31.0	1.7	37.3	4.4	4.6	20.2	267.7	11.7	299.5

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type**

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019	2.021	2.017	2.061	1.740	1.656	1.741	2.298	2.296	2.295	1.945	-	1.960
<b>2020</b>												
January	1.951	1.946	1.886	1.629	W	1.632	2.235	2.229	W	W	-	1.841
February	1.839	1.835	1.879	1.550	W	1.552	2.124	2.118	W	1.749	-	1.765
March	1.610	1.606	1.511	1.000	W	1.014	1.921	1.913	W	1.190	-	1.208
April	1.226	1.221	0.930	0.530	W	0.535	1.558	1.543	1.221	0.756	-	0.768
May	1.386	1.383	1.189	0.952	W	0.944	1.659	1.651	1.467	1.155	-	1.163
June	1.570	1.567	1.467	1.219	1.017	1.214	1.850	1.843	1.727	1.428	-	1.436
July	1.602	1.601	1.558	1.279	W	1.281	1.910	1.904	W	1.492	-	1.500
August	1.590	1.589	1.571	1.286	W	1.287	1.899	1.893	W	1.496	-	1.504
September	1.574	1.573	1.530	1.258	W	1.260	1.893	1.886	W	1.464	-	1.473
October	1.539	1.539	1.471	1.218	W	1.221	1.860	1.854	W	1.408	-	1.419
November	1.495	1.495	1.498	1.188	W	1.191	1.797	1.791	1.794	1.374	-	1.391
<b>2020</b>	1.604	1.603	1.536	1.223	1.173	1.227	1.900	1.893	1.820	1.414	-	1.427
<b>2021</b>												
January	1.771	1.769	1.703	1.480	W	1.485	2.065	2.059	W	1.662	-	1.676
February	1.985	1.983	1.889	1.691	W	1.693	2.269	2.258	W	1.875	-	1.886
March	2.217	2.215	2.169	1.915	W	1.918	2.528	2.519	W	2.132	-	2.144
April	2.250	2.251	2.255	1.949	W	1.953	2.559	2.550	W	2.169	-	2.186
May	2.398	2.397	2.383	2.064	W	2.070	2.704	2.688	W	2.293	-	2.308
June	2.679	2.664	2.448	2.134	W	2.140	2.991	2.919	W	2.396	-	2.410
July	2.790	2.774	2.572	2.227	W	2.234	3.145	3.095	W	2.509	-	2.524
August	2.812	2.794	2.650	2.184	W	2.194	3.175	3.118	W	2.455	-	2.476
September	2.792	2.775	2.546	2.206	W	2.210	3.199	3.128	W	2.449	-	2.469
October	2.829	2.811	2.658	2.380	W	2.384	3.221	3.153	W	R2.577	-	2.596
November	2.877	2.854	2.692	2.352	W	2.357	3.230	3.171	W	2.525	-	2.548

See footnotes at end of table.

**Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)**

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019	2.584	2.565	2.324	2.117	1.896	2.110	2.072	2.068	2.109	1.778	1.684	1.779
<b>2020</b>												
January	2.528	2.504	2.138	1.988	1.826	1.982	2.001	1.995	1.934	1.665	W	1.668
February	2.421	2.399	2.146	W	1.741	1.916	1.890	1.886	1.930	1.587	W	1.590
March	2.223	2.216	1.768	W	1.179	1.388	1.667	1.663	1.560	1.041	W	1.054
April	1.857	1.850	W	0.869	0.648	0.858	1.291	1.286	0.971	0.567	0.538	0.572
May	1.964	1.960	W	1.299	0.949	1.285	1.446	1.443	1.240	0.992	0.749	0.984
June	2.143	2.142	1.733	1.577	1.229	1.555	1.629	1.626	1.523	1.260	1.059	1.256
July	2.208	2.207	1.813	W	1.334	1.635	1.665	1.664	1.612	1.322	W	1.324
August	2.194	2.193	1.829	W	1.337	1.637	1.654	1.653	1.625	1.328	W	1.329
September	2.185	2.183	1.789	W	1.307	1.598	1.638	1.637	1.584	1.298	W	1.301
October	2.158	2.156	1.730	W	1.264	1.542	1.603	1.602	1.524	1.255	W	1.259
November	2.103	2.101	W	1.515	1.229	1.503	1.556	1.555	1.554	1.224	1.159	1.228
<b>2020</b>	2.193	2.188	1.787	1.570	1.288	1.560	1.663	1.661	1.587	1.262	1.192	1.265
<b>2021</b>												
January	2.368	2.366	1.965	W	1.545	1.774	1.830	1.828	1.758	1.515	W	1.519
February	2.570	2.567	2.161	W	1.799	1.999	2.041	2.039	1.946	1.726	W	1.728
March	2.825	2.823	2.467	W	2.051	2.267	2.276	2.274	2.228	1.953	W	1.957
April	2.858	2.857	2.578	W	2.089	2.306	2.311	2.311	2.320	1.990	W	1.995
May	3.021	3.016	2.699	W	2.196	2.423	2.464	2.462	2.445	2.106	W	2.112
June	W	W	2.768	W	2.310	2.518	2.766	2.745	2.508	2.178	W	2.184
July	W	W	2.914	W	2.452	2.643	2.878	2.859	2.634	2.274	W	2.282
August	W	W	2.987	W	2.415	2.604	2.900	2.878	2.713	2.230	W	2.241
September	W	W	2.840	W	2.308	2.570	2.879	2.859	2.602	2.246	W	2.251
October	W	W	2.935	W	2.505	R2.722	2.908	2.887	2.710	2.416	W	2.421
November	W	W	2.974	W	2.346	2.680	2.946	2.919	2.746	2.387	W	2.392

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type**

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019	13.1	13.4	3.4	168.8	10.7	183.0	0.7	0.7	0.1	1.2	-	1.3
<b>2020</b>												
January	12.3	12.6	3.1	W	W	171.6	0.7	0.7	W	W	-	1.1
February	12.6	12.9	W	163.1	W	175.4	0.7	0.7	W	W	-	1.1
March	10.2	10.4	W	144.8	W	155.0	0.6	0.6	W	W	-	1.1
April	6.9	7.0	W	111.8	W	117.4	0.4	0.4	0.0	0.8	-	0.9
May	8.6	8.8	W	134.0	W	143.6	0.5	0.5	0.0	1.0	-	1.0
June	10.5	10.6	2.7	157.1	6.9	166.7	0.6	0.7	0.0	1.2	-	1.2
July	11.3	11.4	W	160.8	W	168.7	0.7	0.7	W	W	-	1.3
August	11.2	11.3	W	160.0	W	168.9	0.7	0.7	W	W	-	1.2
September	11.1	11.2	W	158.3	W	166.6	0.7	0.7	W	W	-	1.1
October	11.3	11.4	W	158.0	W	165.6	0.7	0.7	W	W	-	1.0
November	10.3	10.4	W	149.3	W	157.2	0.6	0.6	0.0	0.9	-	1.0
<b>2020</b>	10.5	10.7	2.7	150.5	6.3	159.5	0.6	0.6	0.0	1.0	-	1.1
<b>2021</b>												
January	9.8	9.9	W	144.0	W	150.7	0.6	0.6	W	W	-	0.9
February	10.0	10.1	W	145.8	W	153.9	0.6	0.6	W	W	-	0.9
March	10.9	11.0	W	159.4	W	167.2	0.6	0.7	W	W	-	1.0
April	11.3	11.4	W	164.8	W	173.4	0.7	0.7	W	W	-	1.1
May	6.1	6.2	W	171.6	W	180.9	0.4	0.4	W	W	-	1.2
June	W	W	W	180.4	W	190.0	W	W	W	W	-	1.3
July	W	W	W	181.2	W	190.5	W	W	W	W	-	1.3
August	W	W	W	180.1	W	187.5	W	W	W	W	-	1.3
September	W	W	W	176.7	W	185.1	W	W	W	W	-	1.1
October	W	W	W	R172.1	W	R180.7	W	W	W	W	-	0.9
November	W	W	W	172.9	W	184.6	W	W	W	W	-	0.9

See footnotes at end of table.

**Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)**

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019	1.0	1.0	0.7	18.4	1.4	20.5	14.8	15.1	4.2	188.4	12.1	204.7
2020												
January	0.9	0.9	0.7	17.1	1.4	19.3	13.8	14.1	W	176.7	W	191.9
February	0.9	1.0	0.7	W	W	19.5	14.2	14.6	W	181.9	W	196.0
March	0.8	0.8	0.6	W	W	18.1	11.6	11.8	W	162.1	W	174.1
April	0.6	0.6	W	13.1	W	14.8	7.9	8.0	2.1	125.7	5.2	133.0
May	0.8	0.8	W	16.9	W	18.4	10.0	10.1	2.9	152.0	8.2	163.0
June	0.9	1.0	0.7	19.8	1.7	22.1	12.1	12.2	3.4	178.0	8.6	190.0
July	1.0	1.0	0.7	W	W	22.3	13.0	13.1	W	182.6	W	192.3
August	1.0	1.0	0.8	W	W	22.3	12.8	13.0	W	181.8	W	192.4
September	1.0	1.0	0.7	W	W	22.2	12.7	12.9	W	179.5	W	189.9
October	1.0	1.0	0.7	W	W	21.3	12.9	13.0	W	178.7	W	188.0
November	0.9	0.9	W	18.5	W	20.5	11.7	11.9	3.2	168.7	6.8	178.6
2020	0.9	0.9	0.6	18.2	1.2	20.1	12.0	12.2	3.4	169.7	7.5	180.6
2021												
January	0.8	0.8	0.6	W	W	19.6	11.2	11.3	W	162.3	W	171.2
February	0.8	0.8	0.6	W	W	19.6	11.5	11.6	W	164.1	W	174.4
March	0.9	0.9	0.7	W	W	20.2	12.4	12.6	W	178.9	W	188.4
April	0.9	1.0	0.7	W	W	22.4	12.9	13.1	W	186.1	W	196.9
May	0.6	0.6	0.8	W	W	24.0	7.1	7.2	W	194.3	W	206.1
June	W	W	0.9	W	W	24.2	W	W	W	203.7	W	215.5
July	W	W	0.9	W	W	24.2	W	W	W	204.7	W	216.1
August	W	W	0.8	W	W	23.4	W	W	W	203.1	W	212.2
September	W	W	0.8	W	W	23.2	W	W	W	198.5	W	209.3
October	W	W	0.8	W	W	21.7	W	W	W	R192.7	W	R203.3
November	W	W	0.7	W	W	21.5	W	W	W	193.0	W	207.0

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type**

dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019	2.433	2.428	2.462	1.869	1.925	1.967	2.744	2.744	2.657	2.071	-	2.200
<b>2020</b>												
January	2.296	2.289	2.291	1.746	W	1.839	2.616	2.616	W	W	-	2.108
February	2.241	2.234	2.254	1.671	W	1.771	2.569	2.569	W	1.907	-	2.053
March	2.086	2.084	1.895	1.105	W	1.231	2.466	2.466	W	1.318	-	1.494
April	1.731	1.728	1.306	0.661	W	0.763	2.102	2.102	1.519	0.840	-	1.005
May	1.766	1.764	1.491	1.077	W	1.147	2.060	2.060	1.732	1.246	-	1.358
June	1.906	1.904	1.759	1.309	1.382	1.383	2.207	2.207	1.967	1.454	-	1.560
July	1.936	1.934	1.832	1.380	W	1.452	2.254	2.254	W	1.510	-	1.617
August	1.964	1.962	1.894	1.382	W	1.463	2.295	2.295	W	1.530	-	1.662
September	1.959	1.957	1.870	1.328	W	1.414	2.299	2.299	W	1.472	-	1.604
October	1.933	1.931	1.819	1.290	W	1.374	2.284	2.284	W	1.449	-	1.584
November	1.902	1.900	1.808	1.282	W	1.359	2.255	2.255	2.008	1.442	-	1.579
<b>2020</b>	1.997	1.994	1.872	1.332	1.292	1.418	2.325	2.325	2.095	1.506	-	1.641
<b>2021</b>												
January	2.123	2.121	2.050	1.573	W	1.645	2.451	2.451	W	1.746	-	1.882
February	2.348	2.346	2.253	1.777	W	1.852	2.672	2.672	W	1.957	-	2.095
March	2.601	2.598	2.540	1.988	W	2.072	2.930	2.930	W	2.183	-	2.329
April	2.673	2.672	2.639	2.031	W	2.125	3.006	3.006	W	2.219	-	2.380
May	2.869	2.867	2.793	2.169	W	2.268	3.166	3.166	W	2.340	-	2.492
June	W	W	2.875	2.240	W	2.336	W	W	W	2.410	-	2.562
July	W	W	2.936	2.299	W	2.395	W	W	W	2.449	-	2.600
August	W	W	2.939	2.268	W	2.371	W	W	W	2.418	-	2.576
September	W	W	2.906	2.278	W	2.376	W	W	W	2.440	-	2.589
October	W	W	3.098	R2.495	W	R2.589	W	W	W	R2.667	-	R2.824
November	W	W	3.238	2.515	W	2.624	W	W	W	2.709	-	2.899

See footnotes at end of table.

**Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)**

dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019	2.918	2.913	2.715	2.194	2.219	2.323	2.543	2.538	2.520	1.918	1.966	2.026
<b>2020</b>												
January	2.805	2.796	2.589	2.085	2.096	2.211	2.409	2.402	2.359	1.798	W	1.901
February	2.756	2.747	2.542	W	W	2.135	2.357	2.350	2.320	1.722	W	1.833
March	2.618	2.617	2.154	W	W	1.600	2.213	2.211	1.955	1.156	W	1.294
April	2.280	2.280	W	0.944	W	1.098	1.864	1.862	1.370	0.704	0.706	0.819
May	2.237	2.237	W	1.367	W	1.472	1.884	1.883	1.566	1.124	1.184	1.205
June	2.380	2.379	2.048	1.601	1.530	1.706	2.023	2.021	1.830	1.357	1.411	1.441
July	2.429	2.429	2.137	W	W	1.777	2.057	2.056	1.909	1.429	W	1.511
August	2.473	2.472	2.205	W	W	1.792	2.090	2.089	1.973	1.430	W	1.523
September	2.476	2.475	2.168	W	W	1.731	2.089	2.087	1.946	1.376	W	1.474
October	2.459	2.459	2.112	W	W	1.667	2.066	2.064	1.895	1.336	W	1.430
November	2.433	2.432	W	1.549	1.128	1.652	2.037	2.036	1.885	1.328	1.119	1.415
<b>2020</b>	2.500	2.498	2.157	1.621	1.411	1.745	2.119	2.117	1.943	1.379	1.319	1.477
<b>2021</b>												
January	2.639	2.638	2.359	W	W	1.964	2.252	2.251	2.131	1.617	W	1.703
February	2.863	2.863	2.567	W	W	2.182	2.475	2.473	2.335	1.823	W	1.912
March	3.112	3.112	2.846	W	W	2.421	2.726	2.724	2.619	2.036	W	2.134
April	3.190	3.190	2.952	W	W	2.482	2.800	2.799	2.720	2.081	W	2.191
May	3.353	3.353	3.104	W	W	2.637	2.999	2.998	2.872	2.223	W	2.334
June	W	W	3.191	W	W	2.712	W	W	2.953	2.294	W	2.403
July	W	W	3.254	W	W	2.769	W	W	3.016	2.354	W	2.462
August	W	W	3.250	W	W	2.748	W	W	3.017	2.320	W	2.438
September	W	W	3.214	W	W	2.743	W	W	2.983	2.330	W	2.441
October	W	W	3.406	W	W	2.953	W	W	3.175	R2.545	W	R2.653
November	W	W	3.604	W	W	3.042	W	W	3.329	2.569	W	2.696

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type**

million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019	6.7	6.8	13.2	65.4	2.4	81.0	0.9	0.9	0.1	0.4	-	0.5
<b>2020</b>												
January	6.4	6.4	12.7	W	W	75.6	0.8	0.8	W	W	-	0.4
February	6.4	6.5	W	62.8	W	78.0	0.8	0.8	W	W	-	0.4
March	4.9	4.9	W	51.4	W	63.6	0.7	0.7	W	W	-	0.3
April	3.2	3.2	W	37.2	W	45.8	0.4	0.4	0.1	0.2	-	0.2
May	3.9	3.9	W	45.6	W	56.1	0.6	0.6	0.1	0.2	-	0.3
June	4.9	4.9	10.5	53.9	1.4	65.8	0.7	0.7	0.1	0.3	-	0.4
July	5.3	5.4	W	55.7	W	66.9	0.8	0.8	W	W	-	0.4
August	5.5	5.5	W	57.3	W	69.0	0.8	0.8	W	W	-	0.4
September	5.4	5.4	W	56.0	W	67.5	0.8	0.8	W	W	-	0.4
October	5.4	5.5	W	56.1	W	67.8	0.8	0.8	W	W	-	0.4
November	5.1	5.1	W	53.6	W	65.6	0.7	0.7	0.1	0.3	-	0.3
<b>2020</b>	5.1	5.1	10.5	53.7	1.2	65.4	0.7	0.7	0.1	0.3	-	0.4
<b>2021</b>												
January	4.8	4.8	W	51.7	W	61.5	0.7	0.7	W	W	-	0.3
February	4.9	4.9	W	51.7	W	62.5	0.7	0.7	W	W	-	0.3
March	5.4	5.4	W	57.0	W	68.4	0.8	0.8	W	W	-	0.3
April	5.6	5.6	W	58.8	W	70.4	0.8	0.8	W	W	-	0.3
May	3.5	3.5	W	61.6	W	74.8	0.6	0.6	W	W	-	0.4
June	W	W	W	64.4	W	79.6	W	W	W	W	-	0.4
July	W	W	W	64.1	W	79.1	W	W	W	W	-	0.4
August	W	W	W	64.6	W	79.3	W	W	W	W	-	0.4
September	W	W	W	63.0	W	77.7	W	W	W	W	-	0.4
October	W	W	W	R62.7	W	R76.4	W	W	W	W	-	0.4
November	W	W	W	62.7	W	76.4	W	W	W	W	-	0.3

See footnotes at end of table.

**Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)**

million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019	1.5	1.5	3.9	11.4	0.4	15.6	9.1	9.1	17.2	77.2	2.8	97.2
<b>2020</b>												
January	1.4	1.4	3.7	10.8	0.4	14.9	8.6	8.7	W	72.1	W	90.9
February	1.4	1.4	3.9	W	W	15.5	8.7	8.8	W	74.4	W	94.0
March	1.1	1.1	3.1	W	W	12.8	6.7	6.7	W	61.1	W	76.8
April	0.8	0.8	W	6.6	W	9.1	4.4	4.4	9.5	44.0	1.7	55.1
May	1.0	1.0	W	8.7	W	12.0	5.5	5.5	12.3	54.6	1.5	68.4
June	1.2	1.2	3.4	10.6	0.3	14.3	6.8	6.9	14.0	64.8	1.7	80.5
July	1.3	1.3	3.5	W	W	14.8	7.4	7.5	W	67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7
September	1.4	1.4	3.6	W	W	15.5	7.6	7.6	W	68.0	W	83.4
October	1.4	1.4	3.7	W	W	16.0	7.6	7.7	W	67.8	W	84.1
November	1.3	1.3	W	11.0	W	15.5	7.2	7.2	13.8	64.9	2.7	81.4
<b>2020</b>	1.3	1.3	3.4	10.4	0.4	14.1	7.1	7.1	14.0	64.4	1.6	79.9
<b>2021</b>												
January	1.2	1.2	3.3	W	W	13.4	6.7	6.8	W	62.0	W	75.3
February	1.2	1.2	3.5	W	W	13.7	6.9	6.9	W	62.1	W	76.6
March	1.3	1.3	3.6	W	W	14.7	7.5	7.5	W	68.2	W	83.3
April	1.4	1.4	3.8	W	W	15.7	7.8	7.8	W	70.8	W	86.4
May	1.0	1.0	3.9	W	W	16.3	5.0	5.1	W	74.1	W	91.5
June	W	W	4.1	W	W	16.9	W	W	W	77.3	W	96.9
July	W	W	4.1	W	W	17.0	W	W	W	76.9	W	96.5
August	W	W	4.1	W	W	16.8	W	W	W	77.5	W	96.5
September	W	W	4.1	W	W	16.7	W	W	W	75.7	W	94.7
October	W	W	4.0	W	W	R16.0	W	W	W	R75.0	W	R92.8
November	W	W	3.9	W	W	15.8	W	W	W	74.7	W	92.5

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 16. U.S. refiner residual fuel oil prices**

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018	W	1.397	1.587	1.466	1.662	1.463
2019	W	1.649	1.510	1.391	1.584	1.428
<b>2020</b>						
January	W	1.788	1.634	1.526	1.939	1.675
February	W	1.673	1.557	1.336	1.735	1.540
March	W	1.188	1.146	0.993	1.371	1.121
April	W	0.796	0.942	0.639	0.976	0.733
May	W	0.792	0.727	NA	0.817	0.775
June	W	1.018	0.894	1.013	0.949	1.017
July	W	1.153	0.981	1.089	1.071	1.137
August	W	1.189	1.026	1.068	1.224	1.135
September	W	1.098	1.035	1.000	1.200	1.066
October	W	1.078	1.071	0.996	1.151	1.041
November	W	1.164	1.068	1.098	1.145	1.145
2020	W	1.186	1.090	1.066	1.246	1.143
<b>2021</b>						
January	W	1.491	1.344	1.352	1.462	1.432
February	W	1.583	1.469	1.429	1.617	1.518
March	W	1.780	1.590	1.558	1.766	1.683
April	W	1.780	1.556	1.534	1.756	1.686
May	W	1.828	1.552	1.628	1.760	1.736
June	W	1.909	1.608	1.650	1.867	1.783
July	W	1.852	1.721	1.766	1.969	1.818
August	W	1.842	1.666	1.674	1.901	1.776
September	W	1.913	1.748	1.768	1.950	1.845
October	W	R2.124	R1.876	R1.964	R2.091	R2.069
November	W	2.065	1.827	1.834	2.141	1.927

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 17. U.S. refiner residual fuel oil volumes**

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018	W	0.4	W	7.2	3.5	7.6
2019	W	1.1	W	6.4	2.6	7.5
<b>2020</b>						
January	W	3.9	W	3.0	1.8	6.9
February	W	4.7	W	3.1	2.4	7.8
March	W	5.1	W	2.7	2.0	7.9
April	W	5.2	W	3.5	2.3	8.7
May	W	3.9	W	1.8	1.6	5.8
June	W	4.4	W	1.3	1.8	5.7
July	W	3.3	W	1.1	2.0	4.4
August	W	2.4	W	1.9	1.7	4.4
September	W	4.0	W	2.0	1.9	6.0
October	W	3.1	W	2.7	2.9	5.8
November	W	3.8	W	1.6	2.0	5.4
<b>2020</b>	W	3.9	W	2.2	2.1	6.1
<b>2021</b>						
January	W	2.8	W	2.1	2.1	4.9
February	W	2.8	W	2.1	2.0	4.9
March	W	3.9	W	3.0	2.1	7.0
April	W	3.0	W	1.9	2.0	4.9
May	W	2.7	W	2.3	1.8	5.1
June	W	3.0	W	2.8	2.2	5.8
July	W	2.5	W	1.6	1.8	4.1
August	W	3.0	W	1.9	2.0	4.9
September	W	2.6	W	2.3	1.8	4.9
October	W	R3.9	W	2.1	2.0	R6.0
November	W	2.2	W	3.4	2.2	5.6

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2020 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

# Crude Oil Prices

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**Table 18. Domestic crude oil first purchase prices**

dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019	55.59	55.48	51.49	W	51.70	49.17	53.24	53.68	53.50	52.58	53.60	56.32	50.50
<b>2020</b>													
January	56.55	56.55	50.01	W	49.82	49.15	54.23	55.74	55.94	53.68	54.12	56.54	51.24
February	49.66	49.75	43.16	W	43.23	42.15	47.03	51.94	53.46	47.66	48.98	49.40	44.16
March	31.01	30.79	23.42	W	23.42	22.45	28.21	27.30	27.13	26.48	26.55	28.07	24.22
April	15.18	15.38	10.34	W	11.07	9.38	12.72	16.22	16.29	14.40	16.64	15.73	11.81
May	18.02	17.83	17.75	W	20.22	16.43	19.08	25.65	24.92	22.80	24.33	27.89	20.50
June	33.81	34.26	25.01	W	31.63	22.52	34.80	35.02	34.78	33.51	34.32	37.55	31.58
July	37.44	37.88	30.10	W	32.47	29.49	36.96	37.39	37.25	36.38	36.07	39.93	34.28
August	39.37	39.61	31.15	W	34.42	30.43	38.14	38.91	38.65	37.89	37.52	41.57	35.92
September	36.82	37.10	28.42	W	30.65	27.12	35.64	36.34	36.18	35.34	35.04	38.83	33.41
October	36.39	36.74	29.37	W	30.68	28.35	35.39	36.16	35.96	35.12	34.78	35.77	32.98
November	38.25	38.53	30.13	W	32.48	28.89	37.34	38.04	37.81	36.99	36.55	40.33	34.81
December	43.92	44.15	36.09	W	38.06	35.02	43.63	43.94	43.72	42.87	42.50	45.89	40.68
<b>2020</b>	36.86	37.05	30.93	W	32.44	29.82	36.06	38.05	38.18	36.29	36.96	39.40	34.39
<b>2021</b>													
January	49.73	49.94	42.24	W	43.48	41.56	48.86	48.58	48.27	47.56	47.06	50.95	45.56
February	56.72	57.06	49.13	W	50.23	48.76	56.04	55.86	55.65	54.95	54.36	57.96	52.69
March	60.67	60.96	53.66	W	54.11	52.78	59.93	59.27	59.13	58.48	57.38	61.47	56.27
April	59.87	60.10	54.00	W	54.25	53.32	58.21	58.30	58.10	57.55	56.50	61.07	55.40
May	62.80	63.04	57.37	W	57.70	56.73	61.21	61.78	61.58	60.90	59.97	65.27	58.80
June	68.57	68.92	64.19	W	64.23	63.87	67.31	68.04	67.72	67.28	65.46	70.33	65.14
July	70.12	70.37	65.09	W	65.79	64.28	68.66	69.43	69.33	68.80	66.75	72.18	66.47
August	65.67	65.88	60.34	W	61.05	59.57	64.41	64.46	64.58	63.86	61.61	67.24	61.65
September	69.08	69.24	64.13	W	64.79	63.42	67.77	68.00	67.86	67.53	65.31	70.80	65.23
October	78.51	78.70	74.02	W	74.43	73.33	76.99	77.65	77.23	77.18	75.05	81.09	75.06
November	76.45	76.68	71.42	W	71.65	70.67	74.89	74.68	75.02	74.25	72.67	78.16	72.34

See footnotes at end of table.

**Table 18. Domestic crude oil first purchase prices (cont.)**

dollars per barrel

Year month	PAD District 2 (cont.)				PAD District 3							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019	52.60	52.30	54.60	50.91	55.85	57.73	51.40	59.47	57.65	53.01	55.04	59.46
<b>2020</b>												
January	53.65	51.07	55.78	50.88	57.12	56.23	52.23	59.04	56.07	56.55	57.25	57.03
February	46.18	44.01	48.60	43.81	50.57	49.17	45.05	51.70	49.68	49.44	49.88	53.16
March	28.64	24.30	28.14	23.66	31.77	28.68	24.67	31.15	28.75	29.83	30.34	37.10
April	11.76	12.44	14.28	10.05	15.95	12.59	12.74	16.12	14.14	15.32	14.75	19.62
May	18.03	21.17	19.96	10.31	16.95	18.03	22.15	20.97	20.80	17.24	16.92	16.60
June	35.98	31.29	33.77	33.96	34.04	34.52	32.59	36.55	36.08	33.98	34.90	31.49
July	36.80	33.43	37.87	34.80	38.11	36.19	35.46	39.15	37.76	37.69	38.37	37.54
August	37.66	35.52	39.51	36.11	40.06	38.23	36.80	40.66	39.95	39.95	39.98	40.56
September	35.36	33.12	36.68	33.13	37.56	35.48	34.54	38.50	37.18	37.31	37.09	39.27
October	35.02	33.45	36.62	33.30	37.15	35.15	34.23	37.81	36.70	37.14	36.97	37.94
November	36.98	34.75	38.45	35.17	38.83	36.79	36.16	39.51	39.04	38.68	38.77	39.11
December	43.57	40.66	44.27	40.66	44.23	42.46	41.60	45.35	44.45	44.35	44.64	43.02
<b>2020</b>	35.63	33.36	37.05	32.72	37.31	36.19	35.16	38.91	37.76	36.86	37.17	37.96
<b>2021</b>												
January	48.93	45.39	49.40	45.76	50.20	47.99	45.56	50.68	49.48	49.89	50.41	49.87
February	56.14	52.47	56.58	52.90	57.32	55.29	53.01	58.36	56.60	57.07	57.80	56.39
March	60.19	56.64	60.18	57.08	61.24	59.20	56.62	61.70	60.72	61.45	61.30	60.99
April	57.74	55.91	59.49	56.62	60.53	58.61	55.46	61.24	59.90	60.29	60.36	61.25
May	60.53	59.31	62.72	59.50	63.42	61.61	58.92	64.08	62.70	63.44	63.48	63.27
June	66.53	65.73	69.01	65.71	69.28	67.73	65.27	70.18	68.75	69.57	69.49	68.53
July	67.80	67.18	70.37	67.58	70.80	69.67	66.70	71.50	69.98	71.13	70.78	70.71
August	63.82	62.15	65.91	63.57	66.24	64.05	61.64	66.38	64.48	66.35	66.02	67.01
September	66.98	65.93	69.58	67.07	69.57	67.66	65.05	69.98	68.18	70.06	69.85	67.57
October	75.81	75.61	79.31	76.88	79.06	77.65	74.99	79.91	78.28	79.97	79.79	75.79
November	74.17	72.62	76.69	74.36	77.21	74.80	72.04	77.25	75.26	77.28	77.43	76.57

See footnotes at end of table.

**Table 18. Domestic crude oil first purchase prices (cont.)**

dollars per barrel

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W
2019	50.72	50.89	50.26	48.32	51.53	59.94	57.55	W	62.98	W
<b>2020</b>										
January	51.01	51.78	49.99	49.02	51.07	59.20	56.49	W	63.03	W
February	43.82	44.04	42.45	44.19	43.74	50.50	48.24	W	53.68	W
March	24.62	23.95	23.69	29.17	24.11	33.21	34.68	W	31.47	W
April	11.19	9.53	9.95	18.69	10.79	15.33	12.29	W	19.50	W
May	15.11	9.96	16.52	21.93	20.46	23.77	20.52	W	27.94	W
June	32.16	30.77	33.91	31.48	33.75	32.08	26.24	-	38.39	W
July	34.90	36.04	33.81	33.89	35.03	35.05	31.07	-	40.37	W
August	36.93	37.99	35.57	37.49	36.45	38.35	35.80	-	41.65	W
September	34.15	35.31	32.85	35.58	33.37	35.25	31.90	-	39.16	W
October	34.43	35.33	32.68	35.32	34.06	34.29	30.82	W	38.77	W
November	36.26	37.16	34.62	36.93	35.96	36.98	34.69	-	40.93	W
December	41.90	42.91	40.21	41.96	41.82	43.44	40.64	-	47.61	W
<b>2020</b>	<b>33.33</b>	<b>31.40</b>	<b>33.21</b>	<b>34.91</b>	<b>34.34</b>	<b>36.65</b>	<b>33.98</b>	<b>W</b>	<b>40.21</b>	<b>W</b>
<b>2021</b>										
January	46.97	47.83	45.03	47.76	46.65	49.10	46.69	-	52.85	W
February	53.49	54.73	52.09	53.06	53.52	55.48	52.37	-	60.28	W
March	57.05	58.09	56.39	56.25	57.21	59.34	56.52	-	63.87	W
April	56.65	56.92	56.76	55.35	57.17	58.92	56.04	-	62.95	W
May	60.01	60.63	59.43	57.84	60.88	61.93	59.16	-	66.26	W
June	65.81	66.83	65.23	63.42	66.70	66.78	63.73	-	71.54	W
July	66.97	67.39	66.45	64.30	68.28	68.60	65.90	-	72.21	W
August	62.65	63.02	62.47	60.11	63.79	64.73	62.24	-	68.08	W
September	66.33	66.93	65.93	62.79	67.93	68.93	66.69	-	72.14	W
October	76.59	77.97	76.10	71.28	78.15	77.84	75.69	-	81.21	W
November	73.91	74.95	73.97	69.00	75.65	74.53	73.03	-	77.01	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-182, Domestic Crude Oil First Purchase Report.

**Table 19. Domestic crude oil first purchase prices for selected crude streams**

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019	57.55	62.57	61.00	60.92	58.88	58.14	54.14	53.51	52.21
<b>2020</b>									
January	56.49	63.23	60.51	57.87	56.25	55.40	57.39	56.50	52.01
February	48.24	53.93	50.70	53.15	48.50	50.45	50.00	49.17	45.03
March	34.68	31.47	28.50	35.58	31.74	32.24	31.48	29.32	24.97
April	12.29	W	16.53	18.17	15.64	15.13	15.54	14.76	11.07
May	20.52	W	26.82	15.76	19.84	17.35	17.05	15.61	22.08
June	26.24	W	37.47	31.77	36.45	33.21	35.06	36.21	33.96
July	31.07	W	39.89	35.91	38.30	38.37	38.45	38.36	34.98
August	35.80	W	40.60	39.85	40.63	41.31	40.18	40.47	36.53
September	31.90	W	38.12	36.78	37.45	39.28	37.34	37.62	33.66
October	30.82	W	37.93	36.84	37.46	37.89	37.08	37.39	34.35
November	34.69	W	39.95	38.00	39.53	39.69	38.86	39.30	36.36
December	40.64	W	46.76	43.85	44.33	44.66	44.68	45.31	42.32
<b>2020</b>	33.98	40.26	39.04	38.12	38.10	36.89	37.35	37.35	34.95
<b>2021</b>									
January	46.69	W	51.75	52.07	51.03	50.66	50.63	51.00	47.30
February	52.37	W	59.16	59.18	58.35	57.88	58.17	58.57	54.41
March	56.52	W	63.00	63.49	62.13	61.17	61.81	61.83	57.94
April	56.04	W	61.82	63.13	61.46	60.76	60.84	60.31	57.65
May	59.16	W	65.25	65.54	64.46	63.92	63.88	64.00	61.42
June	63.73	W	70.41	71.68	70.51	69.89	69.79	70.18	67.46
July	65.90	W	70.97	72.91	71.79	70.90	71.50	71.21	69.17
August	62.24	W	66.75	68.30	66.28	65.45	66.80	66.63	64.70
September	66.69	W	71.01	70.57	70.47	67.54	70.36	70.09	68.76
October	75.69	W	80.13	78.78	80.29	78.62	80.08	80.17	78.74
November	73.03	W	75.90	78.32	77.84	75.63	77.69	77.46	76.47

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

**Table 20. Domestic crude oil first purchase prices by API gravity**

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019	62.43	62.03	57.27	57.20	54.35	55.12
<b>2020</b>						
January	62.86	61.73	56.16	56.29	57.08	56.25
February	53.45	52.84	47.92	50.78	49.70	48.82
March	31.20	31.18	34.22	32.28	31.03	28.50
April	19.11	18.77	12.23	15.93	15.41	13.69
May	27.48	27.74	20.53	16.66	17.66	18.24
June	37.99	38.53	26.44	33.97	35.16	35.43
July	39.84	39.61	31.16	37.83	38.31	37.95
August	41.36	41.53	35.80	40.75	40.04	39.46
September	38.78	38.94	31.88	38.37	37.20	36.79
October	38.42	38.59	30.86	37.57	36.99	36.67
November	40.46	40.71	34.68	39.20	38.80	38.53
December	47.14	47.21	40.61	44.60	44.62	44.60
<b>2020</b>	40.03	40.15	33.93	37.44	37.34	36.74
<b>2021</b>						
January	52.30	52.09	46.61	51.02	50.50	49.91
February	59.63	60.06	52.29	58.29	57.99	56.97
March	63.21	63.47	56.45	62.13	61.66	60.91
April	62.20	62.85	55.96	61.18	60.72	59.42
May	65.45	65.92	59.10	64.21	63.81	62.43
June	70.80	71.51	63.67	70.23	69.73	68.53
July	71.83	72.24	65.80	71.41	71.41	69.90
August	67.54	68.06	62.13	66.51	66.71	65.45
September	71.73	71.92	66.56	69.26	70.32	68.93
October	80.85	81.01	75.61	78.93	80.02	78.40
November	76.73	77.17	72.94	76.78	77.58	76.16

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

**Table 21. F.O.B.[a] costs of imported crude oil by selected country**

dollars per barrel

Year month	Selected countries								Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[b]		
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019	66.97	60.61	56.72	67.21	63.48	65.20	48.57	61.43	62.11	52.36
<b>2020</b>										
January	-	56.90	53.70	W	49.26	W	-	50.36	51.96	46.61
February	-	W	47.74	W	W	W	-	51.87	53.40	40.68
March	W	27.34	28.59	W	W	W	-	24.18	28.56	23.61
April	W	19.88	12.25	W	21.44	-	-	21.44	22.92	12.23
May	-	W	22.92	W	W	W	-	29.19	30.80	18.09
June	-	33.32	34.36	W	W	W	-	40.59	41.17	32.84
July	-	W	37.95	W	42.98	-	-	40.60	41.32	36.08
August	-	40.34	40.16	W	W	-	-	W	44.02	37.20
September	-	37.36	38.42	W	W	-	-	W	41.19	35.82
October	W	W	37.12	W	-	-	-	-	40.10	34.01
November	-	W	39.55	-	-	W	-	W	W	36.36
December	W	W	45.09	W	W	-	-	W	52.06	40.99
<b>2020</b>	W	36.03	36.00	W	35.35	43.39	-	36.06	38.34	33.22
<b>2021</b>										
January	-	W	50.54	W	55.18	-	-	54.23	55.26	45.40
February	-	W	56.46	W	60.73	W	-	58.53	60.66	52.03
March	-	W	59.46	W	W	-	-	62.12	63.76	56.49
April	-	62.48	59.54	W	65.55	-	-	63.85	64.57	56.49
May	W	W	62.26	72.66	67.70	-	-	66.13	68.01	60.31
June	W	W	67.27	W	70.06	W	-	70.06	71.60	64.02
July	W	W	68.52	W	W	-	-	W	73.71	64.65
August	W	W	63.71	W	73.37	-	-	70.48	71.50	61.62
September	W	W	66.81	W	W	-	-	W	R76.73	R64.89
October	W	W	74.81	-	W	W	-	W	R79.49	R72.92
November	-	W	75.42	W	W	-	-	W	81.21	71.54

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

**Table 22. Landed costs of imported crude oil by selected country**

dollars per barrel

Year month	Selected countries									Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[a]		
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65
<b>2020</b>											
January	W	45.70	62.93	55.93	W	53.68	W	-	55.30	56.42	50.32
February	-	39.83	54.16	49.66	54.23	55.20	W	-	54.48	54.45	43.29
March	W	23.51	34.75	29.42	W	24.34	W	-	27.39	28.49	26.76
April	30.93	13.35	23.24	13.73	W	22.98	W	-	23.42	23.99	15.55
May	W	17.45	28.61	24.35	W	28.84	W	-	29.99	30.70	20.75
June	-	34.85	33.13	35.04	W	40.23	W	-	41.20	41.61	35.20
July	-	37.69	37.64	38.72	W	43.64	45.81	-	42.95	43.61	38.42
August	-	38.89	41.71	40.88	W	43.83	-	-	42.75	43.04	39.86
September	W	35.66	38.27	39.01	W	43.13	W	-	41.83	42.13	37.66
October	W	35.63	38.29	37.53	W	44.98	W	-	43.49	42.11	36.68
November	W	36.98	43.35	40.06	W	W	48.92	-	43.86	45.41	38.87
December	W	41.59	46.62	45.76	53.81	54.19	51.22	-	51.59	52.89	43.75
<b>2020</b>	41.03	33.81	41.04	37.18	46.24	35.84	44.51	-	37.98	39.28	35.95
<b>2021</b>											
January	W	46.06	W	51.32	W	58.83	-	-	57.43	58.18	48.21
February	-	51.58	60.79	57.08	W	62.72	66.55	-	60.95	62.41	54.46
March	W	56.03	W	60.74	W	65.49	W	-	64.56	65.26	58.25
April	-	57.36	64.38	60.30	68.45	69.04	W	-	66.60	67.17	59.60
May	70.56	60.48	66.44	63.05	72.44	70.61	W	-	69.15	70.09	62.58
June	W	64.53	69.84	68.09	W	70.17	74.58	-	70.85	72.24	66.68
July	W	65.10	71.74	69.12	67.47	71.81	76.48	-	72.05	72.12	67.55
August	W	62.22	67.43	64.40	W	75.14	W	-	72.86	73.48	64.44
September	W	R64.91	71.23	67.62	W	R75.58	W	-	R74.11	R75.04	R67.51
October	W	R72.82	R80.14	75.96	-	R79.37	84.79	-	R78.68	R79.56	R75.25
November	-	72.09	76.36	76.27	W	76.07	-	-	77.05	79.09	74.17

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020. Ecuador was included in the calculation of OPEC prices published in the PMM for January 2020 through April 2020. The affected data will be corrected when finalized 2020 crude oil price data are published in June 2021.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

**Table 23. F.O.B.[a] costs of imported crude oil by API gravity**

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019	52.06	50.37	56.25	60.66	56.02	64.95	66.00
<b>2020</b>							
January	44.99	44.23	51.00	56.11	45.58	W	W
February	39.82	38.29	45.17	52.21	38.00	-	W
March	21.99	21.67	30.18	30.46	28.58	-	W
April	11.33	9.06	16.66	20.14	19.93	W	W
May	17.20	17.83	21.40	19.57	24.28	W	W
June	29.90	31.92	35.24	37.37	35.07	W	W
July	32.43	35.65	34.95	39.54	40.81	W	-
August	34.78	36.71	35.24	41.32	39.88	-	W
September	30.98	34.16	32.19	39.60	39.25	W	-
October	31.30	33.30	34.56	38.04	37.65	W	W
November	32.37	34.98	32.44	40.31	39.20	W	W
December	37.68	39.34	41.98	45.65	47.06	-	W
<b>2020</b>	29.67	31.85	35.78	38.34	35.58	45.09	W
<b>2021</b>							
January	40.45	43.73	46.81	52.06	51.31	-	W
February	50.99	49.44	57.70	57.01	60.65	W	W
March	55.12	54.23	58.50	61.74	62.93	W	W
April	53.63	54.26	55.33	63.65	64.12	W	W
May	56.50	57.79	64.10	66.69	67.65	-	W
June	60.16	61.76	68.25	69.25	71.52	-	W
July	60.15	62.68	69.55	69.70	73.07	W	W
August	56.55	59.12	59.91	68.88	71.42	W	W
September	60.38	62.20	69.09	R72.92	74.70	-	W
October	R67.79	R69.55	R73.47	R78.62	R81.43	W	W
November	68.80	69.90	73.29	76.64	81.77	-	W

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

**Table 24. Landed costs of imported crude oil by API gravity**

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019	55.35	52.45	59.50	62.18	58.78	64.00	66.06
<b>2020</b>							
January	50.96	46.84	57.89	57.39	54.81	62.71	W
February	42.58	40.73	47.63	52.71	46.42	W	W
March	26.39	24.85	32.47	28.46	32.59	W	23.27
April	15.15	12.60	19.57	22.31	25.59	32.04	W
May	20.48	19.51	25.61	25.50	27.96	36.78	W
June	34.35	34.47	36.92	38.67	37.81	47.86	W
July	36.88	37.80	37.46	41.25	43.68	50.24	W
August	38.35	38.96	39.06	42.93	43.30	46.80	40.87
September	35.04	36.17	37.70	41.04	42.18	47.59	W
October	36.15	35.53	38.15	40.10	40.01	44.92	W
November	37.28	37.19	40.46	42.65	44.29	54.70	W
December	43.11	41.87	44.76	48.55	50.57	55.87	W
<b>2020</b>	34.60	34.13	38.84	39.12	40.34	47.97	44.32
<b>2021</b>							
January	47.47	46.42	48.45	54.37	53.76	51.47	65.17
February	54.16	51.83	57.88	59.85	60.94	W	64.88
March	58.70	55.94	61.25	63.39	63.25	W	66.11
April	58.35	57.05	60.61	66.10	66.76	66.64	W
May	62.14	59.92	64.36	68.72	69.43	69.52	73.56
June	65.84	64.34	69.78	70.99	71.69	72.29	W
July	65.55	65.34	68.34	71.93	72.65	74.07	W
August	62.35	61.47	66.08	71.89	71.02	71.26	W
September	65.39	R64.96	70.35	R73.90	73.54	72.74	W
October	R72.72	R72.34	R77.70	R80.69	R79.37	79.66	W
November	72.78	72.01	75.41	79.58	81.83	81.73	W

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R = Revised data.

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Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

**Table 25. Percentages of total imported crude oil by API gravity percent by interval**

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019	12.42	43.34	11.30	20.05	9.16	2.16	1.58
<b>2020</b>							
January	11.06	51.03	9.75	20.95	4.59	W	W
February	11.81	49.41	9.85	21.62	4.36	W	W
March	12.83	46.85	9.76	25.25	4.01	W	W
April	13.70	41.56	6.88	30.36	5.43	W	W
May	10.82	45.64	9.13	23.45	8.49	W	W
June	11.41	46.63	10.74	23.26	5.22	W	W
July	12.03	50.00	9.26	19.89	5.70	W	W
August	18.61	43.18	7.40	23.85	4.45	1.81	0.70
September	15.17	42.32	7.11	21.59	8.37	W	W
October	12.56	53.37	9.27	14.05	7.33	W	W
November	11.54	53.27	7.43	20.29	4.76	W	W
December	12.57	45.31	10.30	21.56	7.37	W	W
<b>2020</b>	12.82	47.40	8.92	22.32	5.75	1.38	1.41
<b>2021</b>							
January	8.16	49.99	8.83	24.63	6.41	0.75	1.23
February	11.56	48.27	6.04	22.55	7.58	W	W
March	11.09	49.73	6.96	21.14	7.87	W	W
April	11.57	46.32	6.59	21.58	11.26	W	W
May	7.54	47.07	7.43	22.84	12.79	1.00	1.32
June	9.65	45.50	5.80	25.58	10.84	W	W
July	11.15	45.65	5.70	26.91	8.02	W	W
August	11.06	42.24	9.58	25.72	8.66	W	W
September	R15.14	R40.91	R7.91	R26.33	R8.34	W	W
October	R15.21	R41.13	R8.80	R25.40	R6.84	W	W
November	15.60	48.05	7.46	18.80	6.72	W	W

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Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

**Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams**

dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018	-	63.19	63.02	-	W
2019	W	59.43	57.35	-	-
2020					
January	-	-	54.19	-	-
February	-	W	47.96	-	-
March	-	W	28.09	-	-
1st quarter average	-	W	42.77	-	-
April	-	-	13.62	-	-
May	-	W	24.27	W	-
June	-	W	35.08	-	-
2nd quarter average	-	W	25.16	W	-
July	-	W	38.11	W	-
August	-	W	40.29	-	-
September	-	W	38.51	-	-
3rd quarter average	-	W	39.08	W	-
October	-	-	37.13	-	-
November	W	W	39.29	-	-
December	W	W	45.56	-	-
4th quarter average	W	W	40.64	-	-
2020	W	W	36.74	W	-
2021					
January	-	W	50.26	-	-
February	-	W	57.07	W	-
March	-	W	59.55	-	-
1st quarter average	-	W	55.42	W	-
April	W	W	59.00	-	-
May	-	64.63	62.11	W	-
June	-	W	66.72	W	-
2nd quarter average	W	65.41	62.85	W	-
July	-	W	68.25	W	-
August	-	W	63.31	-	-
September	-	-	66.55	W	-
3rd quarter average	-	W	66.14	W	-
October	-	W	75.19	-	-
November	-	W	75.35	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

**Table 27. Landed costs of imported crude oil for selected crude streams**

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018	72.51	W	42.83	57.93	W
2019	67.75	-	47.62	54.05	52.58
2020					
January	-	-	39.65	51.92	-
February	-	-	30.63	43.35	-
March	-	-	16.76	23.54	-
1st quarter average	-	-	29.70	37.59	-
April	-	-	9.34	14.23	-
May	-	-	12.37	15.09	-
June	-	-	W	37.81	-
2nd quarter average	-	-	19.60	23.72	-
July	-	-	W	39.34	-
August	-	-	37.44	40.63	-
September	-	-	31.18	37.70	-
3rd quarter average	-	-	34.69	39.41	-
October	W	-	W	37.05	-
November	W	-	33.92	39.97	W
December	W	-	40.18	44.89	W
4th quarter average	W	-	35.59	40.78	W
2020	W	-	30.27	35.88	W
2021					
January	W	-	W	49.30	W
February	W	-	W	56.92	-
March	W	-	53.42	60.14	W
1st quarter average	W	-	47.61	53.47	W
April	W	-	52.71	62.94	W
May	W	-	55.55	64.81	W
June	-	-	58.68	69.26	W
2nd quarter average	W	-	55.59	65.80	W
July	-	-	60.91	71.10	W
August	-	-	56.61	66.78	W
September	-	-	59.10	70.59	W
3rd quarter average	-	-	59.12	69.82	W
October	W	-	71.36	74.43	-
November	-	-	67.54	78.54	W

See footnotes at end of table.

**Table 27. Landed costs of imported crude oil for selected crude streams (cont.)**

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
<b>2005</b>	46.42	-	-	41.54	57.12
<b>2006</b>	56.75	-	-	52.04	69.29
<b>2007</b>	64.57	-	-	60.93	77.90
<b>2008</b>	87.25	-	-	84.29	108.46
<b>2009</b>	56.97	48.74	64.38	56.03	68.30
<b>2010</b>	75.48	72.97	77.96	70.87	84.10
<b>2011</b>	101.74	97.91	106.67	98.81	116.95
<b>2012</b>	105.50	101.53	106.93	100.29	117.70
<b>2013</b>	104.14	100.01	102.70	97.43	W
<b>2014</b>	91.65	93.11	96.95	86.49	W
<b>2015</b>	49.65	41.84	49.50	44.08	59.92
<b>2016</b>	40.68	37.46	39.90	36.79	W
<b>2017</b>	51.93	49.18	50.73	47.87	W
<b>2018</b>	67.94	65.09	65.43	63.62	-
<b>2019</b>	62.80	58.80	61.37	58.45	W
<b>2020</b>					
January	65.83	60.97	59.30	55.97	-
February	58.02	51.90	53.81	49.49	-
March	40.38	30.08	38.05	28.62	-
<b>1st quarter average</b>	53.79	45.07	49.12	44.35	-
April	W	18.35	W	13.84	-
May	W	W	34.88	25.43	-
June	W	-	W	35.68	-
<b>2nd quarter average</b>	W	20.25	40.99	25.71	-
July	41.62	-	42.97	38.79	-
August	44.31	W	42.30	40.97	-
September	42.45	W	40.32	39.12	-
<b>3rd quarter average</b>	42.88	41.16	42.10	39.72	-
October	40.76	W	W	37.49	-
November	42.83	W	41.13	39.70	-
December	48.98	W	47.25	46.12	-
<b>4th quarter average</b>	44.55	43.52	43.01	41.08	-
<b>2020</b>	44.49	40.60	45.41	37.54	-
<b>2021</b>					
January	58.25	53.23	W	50.99	-
February	W	W	W	57.52	-
March	64.45	64.06	63.36	60.68	-
<b>1st quarter average</b>	61.83	58.91	59.68	56.04	-
April	66.21	62.72	W	59.56	-
May	W	W	67.04	62.74	W
June	72.99	W	W	67.35	-
<b>2nd quarter average</b>	68.65	66.23	68.88	63.45	W
July	W	W	W	68.78	-
August	71.37	W	W	63.75	-
September	74.09	70.49	W	67.17	-
<b>3rd quarter average</b>	72.81	70.60	W	66.66	-
October	R80.39	W	78.01	75.79	-
November	W	W	76.28	76.04	-

See footnotes at end of table.

**Table 27. Landed costs of imported crude oil for selected crude streams (cont.)**

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018	W	69.40	68.78	71.81	63.24
2019	W	65.28	64.40	66.19	W
<b>2020</b>					
January	-	51.55	W	W	-
February	-	55.70	W	W	-
March	-	24.85	22.09	W	-
<b>1st quarter average</b>	-	40.69	27.52	W	-
April	-	22.79	20.55	W	-
May	W	31.84	28.07	W	-
June	-	W	42.13	-	-
<b>2nd quarter average</b>	W	27.85	27.92	W	-
July	W	W	42.47	W	-
August	-	W	W	W	-
September	-	43.42	42.55	-	-
<b>3rd quarter average</b>	W	43.56	42.42	W	-
October	-	W	W	-	-
November	W	W	W	W	-
December	-	54.70	W	W	-
<b>4th quarter average</b>	W	48.49	W	W	-
<b>2020</b>	W	37.61	31.86	45.94	-
<b>2021</b>					
January	-	60.26	56.50	W	-
February	W	63.08	W	W	-
March	-	W	W	W	-
<b>1st quarter average</b>	W	63.08	58.15	W	-
April	-	69.61	W	-	-
May	W	71.80	W	W	-
June	W	69.95	W	-	-
<b>2nd quarter average</b>	W	70.51	W	W	-
July	W	71.81	-	-	-
August	-	75.85	W	W	-
September	W	R75.53	W	W	-
<b>3rd quarter average</b>	W	R74.72	W	W	-
October	-	R79.52	W	-	-
November	-	76.37	-	W	-

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Sources: U.S. Energy Information Administration, Form EIA-856, Monthly Foreign Crude Oil Acquisition Report.

# **Prices of Petroleum Products**

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
<b>United States</b>												
November 2021	3.201	2.562	2.435	3.608	NA	2.641	3.789	2.870	2.833	3.346	2.582	2.486
October 2021	3.081	2.519	2.445	3.457	NA	2.658	3.630	NA	2.820	3.221	2.541	2.494
November 2020	1.630	1.451	1.240	2.049	1.457	1.441	2.302	1.843	1.567	1.738	1.477	1.287
<b>PAD District 1</b>												
November 2021	W	2.412	2.403	W	W	2.603	W	W	2.744	W	2.430	2.445
October 2021	W	2.498	2.408	W	W	2.609	W	-	2.722	W	2.491	2.448
November 2020	1.502	1.237	1.201	1.783	W	1.365	2.010	-	1.500	1.588	1.280	1.241
<b>Subdistrict 1A</b>												
November 2021	-	W	2.487	-	-	2.726	-	-	2.773	-	W	2.528
October 2021	-	W	2.452	-	-	2.663	-	-	2.719	-	W	2.492
November 2020	W	-	1.237	W	-	1.401	W	-	1.495	W	-	1.277
<b>Connecticut</b>												
November 2021	-	W	2.489	-	-	2.610	-	-	2.793	-	W	2.539
October 2021	-	W	2.450	-	-	2.558	-	-	2.741	-	W	2.499
November 2020	-	-	1.238	-	-	1.368	-	-	1.492	-	-	1.281
<b>Maine</b>												
November 2021	-	-	2.533	-	-	W	-	-	2.788	-	-	2.555
October 2021	-	-	2.487	-	-	W	-	-	2.718	-	-	2.509
November 2020	-	-	1.265	-	-	W	-	-	W	-	-	1.286
<b>Massachusetts</b>												
November 2021	-	-	2.467	-	-	2.567	-	-	2.714	-	-	2.504
October 2021	-	-	2.432	-	-	2.477	-	-	2.645	-	-	2.464
November 2020	W	-	1.212	W	-	1.222	W	-	1.435	W	-	1.247
<b>New Hampshire</b>												
November 2021	-	-	W	-	-	-	-	-	W	-	-	W
October 2021	-	-	W	-	-	-	-	-	W	-	-	W
November 2020	W	-	W	W	-	W	W	-	W	W	-	W
<b>Rhode Island</b>												
November 2021	-	-	2.502	-	-	W	-	-	W	-	-	2.554
October 2021	-	-	2.467	-	-	W	-	-	W	-	-	2.520
November 2020	W	-	1.251	W	-	W	W	-	W	W	-	1.308
<b>Vermont</b>												
November 2021	-	-	2.463	-	-	-	-	-	2.738	-	-	W
October 2021	-	-	2.470	-	-	-	-	-	2.749	-	-	W
November 2020	-	-	W	-	-	-	-	-	1.475	-	-	W
<b>Subdistrict 1B</b>												
November 2021	W	-	2.440	W	-	2.625	W	-	2.733	W	-	2.476
October 2021	W	-	2.419	W	-	2.564	W	-	2.686	W	-	2.454
November 2020	1.585	-	1.203	1.829	-	1.287	2.020	-	1.427	1.671	-	1.235
<b>Delaware</b>												
November 2021	-	-	2.471	-	-	2.695	-	-	2.726	-	-	2.499
October 2021	-	-	2.424	-	-	2.584	-	-	2.635	-	-	2.449
November 2020	W	-	1.214	W	-	1.406	W	-	1.389	W	-	1.235
<b>District of Columbia</b>												
November 2021	-	-	-	-	-	-	-	-	-	-	-	-
October 2021	-	-	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>												
November 2021	-	-	2.372	-	-	2.458	-	-	2.575	-	-	2.400
October 2021	-	-	2.380	-	-	2.478	-	-	2.565	-	-	2.404
November 2020	-	-	1.173	-	-	1.225	-	-	1.331	-	-	1.196
<b>New Jersey</b>												
November 2021	W	-	2.424	W	-	2.581	W	-	2.700	W	-	2.458
October 2021	NA	-	2.390	NA	-	2.478	NA	-	2.630	NA	-	2.420
November 2020	W	-	1.188	W	-	1.263	W	-	1.379	W	-	1.217
<b>New York</b>												
November 2021	W	-	2.515	W	-	2.848	W	-	2.856	W	-	2.573
October 2021	W	-	2.472	W	-	2.749	W	-	2.795	W	-	2.529
November 2020	1.632	-	1.252	1.862	-	1.413	2.054	-	1.544	1.716	-	1.307
<b>Pennsylvania</b>												
November 2021	W	-	2.422	W	-	2.567	W	-	2.686	W	-	2.444
October 2021	W	-	2.421	W	-	2.526	W	-	2.657	W	-	2.443
November 2020	W	-	1.192	W	-	1.326	W	-	1.385	W	-	1.212

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
<b>Subdistrict 1C</b>												
November 2021	-	2.411	2.368	-	W	2.586	-	W	2.748	-	2.430	2.413
October 2021	-	2.501	2.395	-	W	2.625	-	W	2.747	-	2.493	2.438
November 2020	W	1.237	1.196	W	W	1.384	W	-	1.548	W	1.280	1.241
<b>Florida</b>												
November 2021	-	W	2.392	-	-	2.617	-	-	2.746	-	W	2.439
October 2021	-	W	2.418	-	-	2.646	-	-	2.730	-	W	2.459
November 2020	W	W	1.225	W	-	1.387	W	-	1.562	W	W	1.272
<b>Georgia</b>												
November 2021	-	W	2.368	-	-	2.576	-	-	2.803	-	W	2.418
October 2021	-	W	2.393	-	-	2.636	-	-	2.802	-	W	2.444
November 2020	W	W	1.182	W	-	1.369	W	-	1.595	W	W	1.234
<b>North Carolina</b>												
November 2021	-	W	2.341	-	-	2.599	-	W	2.732	-	W	2.384
October 2021	-	-	2.369	-	-	2.654	-	-	2.757	-	-	2.413
November 2020	W	-	1.176	W	-	1.430	W	-	1.542	W	-	1.222
<b>South Carolina</b>												
November 2021	-	-	2.341	-	W	2.625	-	-	2.773	-	W	2.380
October 2021	-	-	2.381	-	W	2.682	-	-	2.787	-	W	2.422
November 2020	W	-	1.179	W	W	1.386	W	-	1.549	W	W	1.220
<b>Virginia</b>												
November 2021	-	-	2.373	-	-	2.502	-	-	2.691	-	-	2.412
October 2021	-	-	2.392	-	-	2.523	-	-	2.688	-	-	2.430
November 2020	-	-	1.191	-	-	1.306	-	-	1.462	-	-	1.227
<b>West Virginia</b>												
November 2021	-	-	2.379	-	-	2.619	-	-	2.812	-	-	2.408
October 2021	-	-	2.402	-	-	2.610	-	-	2.787	-	-	2.433
November 2020	W	-	1.168	W	-	1.436	W	-	1.585	W	-	1.191
<b>PAD District 2</b>												
November 2021	W	2.524	2.294	W	W	2.391	W	2.644	2.568	W	2.535	2.318
October 2021	W	2.426	2.327	W	W	2.424	W	2.831	2.633	W	2.453	2.354
November 2020	W	1.403	1.133	W	W	1.271	W	1.471	1.399	W	1.405	1.159
<b>Illinois</b>												
November 2021	-	W	2.292	-	-	2.457	-	-	2.586	-	W	2.323
October 2021	-	2.591	2.325	-	-	2.485	-	-	2.621	-	2.591	2.357
November 2020	W	1.416	1.119	W	-	1.256	W	W	1.397	W	1.368	1.149
<b>Indiana</b>												
November 2021	-	W	2.280	-	-	2.473	-	-	2.602	-	W	2.303
October 2021	-	W	2.308	-	-	2.492	-	-	2.646	-	W	2.334
November 2020	W	W	1.113	W	-	1.287	W	-	1.436	W	W	1.138
<b>Iowa</b>												
November 2021	-	-	2.266	-	-	2.353	-	-	2.416	-	-	2.280
October 2021	-	-	2.310	-	-	2.402	-	-	2.569	-	-	2.337
November 2020	-	W	1.130	-	-	1.228	-	-	1.292	-	W	1.146
<b>Kansas</b>												
November 2021	W	NA	2.234	W	W	2.354	-	-	2.396	W	W	2.250
October 2021	W	W	2.272	W	W	2.419	-	-	2.499	W	W	2.296
November 2020	W	W	1.109	W	W	1.212	-	-	1.258	W	W	1.129
<b>Kentucky</b>												
November 2021	-	W	2.345	-	-	2.523	-	W	2.730	-	W	2.370
October 2021	-	W	2.407	-	-	2.534	-	-	2.724	-	W	2.427
November 2020	W	W	1.199	W	-	1.330	W	-	1.528	W	W	1.222
<b>Michigan</b>												
November 2021	-	W	2.298	-	-	2.572	-	W	2.719	-	W	2.323
October 2021	-	W	2.327	-	-	2.599	-	W	2.747	-	W	2.354
November 2020	W	W	1.129	W	-	1.502	W	W	1.552	W	W	1.159
<b>Minnesota</b>												
November 2021	W	W	2.255	NA	W	2.283	W	W	2.375	W	W	2.267
October 2021	W	W	2.293	W	W	2.307	W	W	2.494	W	W	2.315
November 2020	W	W	1.108	W	W	1.192	W	W	1.265	W	W	1.126
<b>Missouri</b>												
November 2021	-	W	2.289	-	-	2.339	-	W	2.524	-	W	2.308
October 2021	-	W	2.322	-	-	2.399	-	W	2.590	-	W	2.345
November 2020	-	W	1.145	-	-	1.199	-	-	1.365	-	W	1.164

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
<b>PAD District 2 (cont.)</b>												
<b>Nebraska</b>												
November 2021	W	W	2.273	W	W	2.382	-	-	2.444	W	W	2.288
October 2021	W	W	2.325	W	W	2.399	-	-	2.591	W	W	2.349
November 2020	W	W	1.142	W	W	1.258	-	-	1.326	W	W	1.162
<b>North Dakota</b>												
November 2021	W	W	2.275	W	W	2.345	W	W	2.412	W	W	2.291
October 2021	W	W	2.346	W	W	2.400	W	W	2.639	W	W	2.379
November 2020	W	W	1.200	W	W	1.279	W	W	1.428	W	W	1.227
<b>Ohio</b>												
November 2021	W	W	2.328	W	-	2.550	W	W	2.719	W	W	2.354
October 2021	W	W	2.335	W	-	2.537	W	W	2.708	W	W	2.361
November 2020	W	W	1.132	W	-	1.362	W	W	1.483	W	W	1.158
<b>Oklahoma</b>												
November 2021	W	W	2.242	W	-	NA	W	-	2.326	W	W	2.255
October 2021	W	W	2.319	W	-	2.514	W	-	2.509	W	W	2.347
November 2020	W	W	1.121	W	-	1.299	W	-	1.255	W	W	1.145
<b>South Dakota</b>												
November 2021	W	NA	2.272	W	W	2.363	W	W	2.498	W	W	2.292
October 2021	W	W	2.342	W	W	2.439	W	W	2.647	W	W	2.370
November 2020	W	W	1.176	W	W	1.250	W	W	1.360	W	W	1.196
<b>Tennessee</b>												
November 2021	-	W	2.335	-	-	2.550	-	W	2.678	-	W	2.366
October 2021	-	W	2.353	-	-	2.575	-	W	2.698	-	W	2.385
November 2020	W	W	1.173	W	-	1.373	W	W	1.489	W	W	1.204
<b>Wisconsin</b>												
November 2021	-	NA	2.283	-	NA	2.381	-	NA	2.652	-	NA	2.313
October 2021	-	W	2.315	-	W	2.422	-	W	2.722	-	W	2.352
November 2020	W	W	1.103	W	W	1.200	W	W	1.475	W	W	1.136
<b>PAD District 3</b>												
November 2021	W	2.485	2.343	-	-	2.537	W	W	2.583	W	W	2.370
October 2021	W	2.473	2.367	-	-	2.605	W	W	2.618	W	2.468	2.395
November 2020	1.549	1.318	1.177	1.842	W	1.315	2.114	1.942	1.357	1.622	1.475	1.200
<b>Alabama</b>												
November 2021	-	W	2.368	-	-	2.595	-	W	2.809	-	W	2.407
October 2021	-	W	2.394	-	-	2.629	-	W	2.832	-	W	2.434
November 2020	W	W	1.180	W	-	1.333	W	W	1.611	W	W	1.221
<b>Arkansas</b>												
November 2021	-	-	2.288	-	-	2.501	-	-	2.570	-	-	2.315
October 2021	-	W	2.330	-	-	2.567	-	-	2.647	-	W	2.360
November 2020	-	-	1.162	-	-	1.340	-	-	1.448	-	-	1.190
<b>Louisiana</b>												
November 2021	-	W	2.317	-	-	NA	-	-	2.435	-	W	2.332
October 2021	-	W	2.363	-	-	2.630	-	-	2.661	-	W	2.389
November 2020	-	W	1.152	-	-	1.325	-	-	1.395	-	W	1.175
<b>Mississippi</b>												
November 2021	-	-	2.369	-	-	2.522	-	-	2.712	-	-	2.403
October 2021	-	-	2.398	-	-	2.569	-	-	2.724	-	-	2.431
November 2020	-	-	1.185	-	-	1.317	-	-	1.535	-	-	1.216
<b>New Mexico</b>												
November 2021	W	W	2.572	-	-	2.663	W	-	2.852	W	W	2.609
October 2021	W	W	2.562	-	-	2.672	W	-	2.867	W	W	2.605
November 2020	1.582	W	1.269	1.839	-	1.296	2.115	W	1.595	1.661	W	1.317
<b>Texas</b>												
November 2021	W	W	2.338	-	-	2.513	W	-	2.580	W	W	2.366
October 2021	W	W	2.355	-	-	2.599	W	-	2.565	W	W	2.381
November 2020	W	W	1.180	W	W	1.310	W	W	1.306	W	W	1.198

See footnotes at end of table.

**Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
<b>PAD District 4</b>												
November 2021	W	2.680	2.422	W	W	2.639	W	W	2.756	W	2.777	2.485
October 2021	W	2.736	2.506	W	W	2.743	W	W	2.842	W	2.822	2.571
November 2020	W	1.715	1.316	W	W	1.556	2.247	W	1.651	W	1.775	1.386
<b>Colorado</b>												
November 2021	W	W	2.261	W	W	2.392	W	W	2.560	W	W	2.316
October 2021	W	W	2.395	W	W	2.539	W	W	2.698	W	W	2.452
November 2020	1.681	1.656	1.301	W	W	1.548	W	-	1.627	1.829	1.646	1.367
<b>Idaho</b>												
November 2021	W	W	2.627	-	-	2.923	W	W	2.948	W	W	2.676
October 2021	W	W	2.661	-	-	W	W	W	W	W	W	2.711
November 2020	W	W	1.358	W	W	1.657	W	NA	1.682	W	W	1.416
<b>Montana</b>												
November 2021	W	W	2.504	W	W	2.680	W	W	2.947	W	W	2.572
October 2021	W	W	2.559	W	W	2.719	W	W	3.018	W	W	2.632
November 2020	W	W	1.360	W	W	1.518	W	W	1.798	W	W	1.442
<b>Utah</b>												
November 2021	-	W	2.565	-	-	2.874	-	-	2.892	-	W	2.642
October 2021	-	W	2.589	-	-	2.890	-	-	2.915	-	W	2.666
November 2020	W	W	1.291	W	W	1.565	W	-	1.606	W	W	1.373
<b>Wyoming</b>												
November 2021	W	W	2.357	W	-	2.479	W	-	2.760	W	W	2.415
October 2021	W	W	2.485	W	-	W	W	-	2.910	W	W	2.548
November 2020	W	W	1.329	W	-	1.503	W	-	1.754	W	W	1.402
<b>PAD District 5</b>												
November 2021	3.753	NA	2.920	4.003	W	3.149	4.195	W	3.304	3.873	NA	3.000
October 2021	3.592	2.836	2.840	3.851	W	3.076	4.008	3.560	3.184	3.713	2.863	2.912
November 2020	2.316	1.587	1.588	2.563	1.898	1.798	2.729	1.948	1.886	2.425	NA	1.654
<b>Alaska</b>												
November 2021	W	W	W	W	-	W	W	-	2.902	W	W	W
October 2021	W	W	W	W	-	W	W	W	2.992	W	W	W
November 2020	W	W	W	W	-	W	W	W	1.704	W	W	W
<b>Arizona</b>												
November 2021	-	W	2.775	-	-	2.910	-	-	3.107	-	W	2.819
October 2021	-	W	2.613	-	-	2.709	-	-	2.910	-	W	2.651
November 2020	W	W	1.360	W	W	1.662	W	W	1.630	W	W	1.398
<b>California</b>												
November 2021	W	W	3.153	W	-	3.315	W	-	3.468	W	W	3.229
October 2021	W	W	3.048	W	-	3.194	W	-	3.314	W	W	3.112
November 2020	2.418	W	1.738	2.617	-	1.875	2.765	-	1.978	2.517	W	1.800
<b>Hawaii</b>												
November 2021	W	W	W	NA	W	W	W	W	W	W	W	W
October 2021	W	W	W	W	W	W	W	W	W	W	W	W
November 2020	W	W	W	W	W	W	W	W	W	W	W	W
<b>Nevada</b>												
November 2021	-	W	2.745	-	-	NA	-	-	3.033	-	W	2.810
October 2021	-	W	2.708	-	-	NA	-	-	2.984	-	W	2.772
November 2020	W	W	1.448	W	-	1.726	W	-	1.694	W	W	1.509
<b>Oregon</b>												
November 2021	W	-	2.496	W	-	2.724	W	-	2.812	W	-	2.536
October 2021	W	-	2.497	W	-	2.719	W	-	2.820	W	-	2.539
November 2020	2.079	-	1.357	2.319	-	1.594	2.476	-	1.669	2.147	-	1.399
<b>Washington</b>												
November 2021	3.065	W	2.462	3.309	W	2.721	3.526	W	2.808	3.139	W	2.522
October 2021	NA	W	2.473	NA	W	2.752	NA	W	2.848	NA	W	2.539
November 2020	1.913	W	1.400	2.149	W	1.655	2.343	W	1.717	1.986	W	1.461

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
November 2021	3.778	3.410	2.309	2.283	3.738	2.405
October 2021	3.783	3.367	2.303	2.281	3.425	2.434
November 2020	2.485	2.123	1.216	1.180	W	1.322
<b>PAD District 1</b>						
November 2021	3.643	3.462	2.348	2.305	W	2.533
October 2021	3.637	3.433	2.336	2.308	W	2.482
November 2020	2.289	2.175	1.204	1.177	W	1.366
<b>Subdistrict 1A</b>						
November 2021	W	W	2.398	2.349	-	-
October 2021	W	W	2.353	2.341	-	-
November 2020	W	W	1.277	W	W	-
<b>Connecticut</b>						
November 2021	-	-	W	2.365	-	-
October 2021	-	-	W	2.327	-	-
November 2020	-	-	W	W	-	-
<b>Maine</b>						
November 2021	-	W	W	W	-	-
October 2021	-	W	W	W	-	-
November 2020	-	W	W	W	-	-
<b>Massachusetts</b>						
November 2021	W	-	W	W	-	-
October 2021	W	-	W	W	-	-
November 2020	W	-	W	W	W	-
<b>New Hampshire</b>						
November 2021	-	-	W	-	-	-
October 2021	-	-	W	W	-	-
November 2020	-	-	W	-	W	-
<b>Rhode Island</b>						
November 2021	-	-	W	NA	-	-
October 2021	-	-	W	W	-	-
November 2020	-	-	W	W	W	-
<b>Vermont</b>						
November 2021	-	-	W	W	-	-
October 2021	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
<b>Subdistrict 1B</b>						
November 2021	W	3.507	2.366	2.302	W	2.432
October 2021	W	3.483	2.310	2.309	W	2.447
November 2020	-	W	1.188	1.161	W	1.317
<b>Delaware</b>						
November 2021	-	-	-	-	-	-
October 2021	-	-	-	-	-	W
November 2020	-	-	-	-	W	-
<b>District of Columbia</b>						
November 2021	-	-	-	-	-	-
October 2021	-	-	-	-	-	-
November 2020	-	-	-	-	-	-
<b>Maryland</b>						
November 2021	-	-	W	2.307	-	W
October 2021	-	-	W	2.198	-	W
November 2020	-	-	W	1.138	-	W
<b>New Jersey</b>						
November 2021	-	-	2.359	2.314	-	W
October 2021	-	W	2.321	2.304	-	W
November 2020	-	-	1.201	1.159	W	W
<b>New York</b>						
November 2021	-	W	2.373	2.385	W	2.670
October 2021	-	W	2.310	2.359	W	2.779
November 2020	-	W	1.193	1.235	W	W
<b>Pennsylvania</b>						
November 2021	W	W	2.356	2.272	W	2.803
October 2021	W	W	2.285	2.318	W	W
November 2020	-	W	1.145	1.156	2.732	W

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
November 2021	W	3.443	2.324	2.302	-	2.913
October 2021	W	3.402	2.357	2.298	-	2.753
November 2020	W	2.125	1.211	1.188	W	1.732
<b>Florida</b>						
November 2021	W	3.438	W	2.294	-	-
October 2021	W	W	W	2.299	-	-
November 2020	W	W	1.226	1.191	W	-
<b>Georgia</b>						
November 2021	-	W	W	2.341	-	W
October 2021	-	W	W	2.296	-	W
November 2020	W	W	W	1.183	-	W
<b>North Carolina</b>						
November 2021	-	W	W	NA	-	2.899
October 2021	-	W	W	2.273	-	2.917
November 2020	-	W	W	1.185	W	1.734
<b>South Carolina</b>						
November 2021	-	-	W	2.333	-	W
October 2021	-	-	W	2.306	-	W
November 2020	-	-	W	1.165	W	W
<b>Virginia</b>						
November 2021	-	W	2.320	NA	-	W
October 2021	-	W	2.279	W	-	W
November 2020	-	W	1.154	1.175	-	W
<b>West Virginia</b>						
November 2021	-	-	-	NA	-	-
October 2021	-	-	-	W	-	-
November 2020	-	-	-	W	W	-
<b>PAD District 2</b>						
November 2021	W	3.381	2.346	2.308	W	2.855
October 2021	W	3.383	2.334	2.327	W	3.086
November 2020	W	W	1.178	1.183	W	1.986
<b>Illinois</b>						
November 2021	-	W	2.359	W	-	W
October 2021	-	W	2.355	W	-	W
November 2020	W	W	1.201	W	W	W
<b>Indiana</b>						
November 2021	-	-	2.329	2.314	-	2.945
October 2021	-	-	2.325	2.336	-	3.253
November 2020	-	-	1.162	1.163	W	2.180
<b>Iowa</b>						
November 2021	-	-	W	W	-	-
October 2021	-	-	W	W	-	-
November 2020	-	-	1.299	W	-	-
<b>Kansas</b>						
November 2021	W	W	W	W	-	W
October 2021	W	W	W	W	-	W
November 2020	W	W	W	W	-	W
<b>Kentucky</b>						
November 2021	W	W	W	2.312	-	W
October 2021	W	W	W	2.304	-	W
November 2020	W	W	W	1.155	W	W
<b>Michigan</b>						
November 2021	-	-	W	2.311	-	W
October 2021	-	-	2.261	2.248	-	W
November 2020	-	-	W	1.134	W	W
<b>Minnesota</b>						
November 2021	W	W	W	2.266	W	W
October 2021	W	W	W	2.308	W	W
November 2020	W	W	W	1.188	W	W
<b>Missouri</b>						
November 2021	W	-	W	W	-	-
October 2021	W	W	W	W	-	W
November 2020	W	-	W	W	-	-

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
November 2021	W	-	W	W	-	-
October 2021	W	-	W	W	-	-
November 2020	W	-	W	W	-	-
<b>North Dakota</b>						
November 2021	-	-	W	W	W	-
October 2021	-	-	W	W	W	W
November 2020	-	-	W	W	W	W
<b>Ohio</b>						
November 2021	W	W	2.370	2.307	-	W
October 2021	-	W	2.341	2.292	-	W
November 2020	W	-	1.184	1.157	W	W
<b>Oklahoma</b>						
November 2021	W	-	W	2.324	-	W
October 2021	W	-	W	2.353	-	W
November 2020	W	-	W	W	-	W
<b>South Dakota</b>						
November 2021	-	-	W	-	-	-
October 2021	-	-	W	-	-	-
November 2020	-	-	W	-	-	-
<b>Tennessee</b>						
November 2021	W	W	W	2.351	-	W
October 2021	W	W	W	2.311	-	W
November 2020	-	W	W	1.167	W	W
<b>Wisconsin</b>						
November 2021	-	-	2.371	W	-	W
October 2021	-	-	2.357	W	-	W
November 2020	-	-	W	W	W	W
<b>PAD District 3</b>						
November 2021	W	3.221	2.280	2.272	-	2.276
October 2021	W	3.162	2.277	2.225	-	2.330
November 2020	W	1.952	1.171	1.110	-	W
<b>Alabama</b>						
November 2021	-	W	2.310	2.337	-	W
October 2021	-	W	2.310	2.311	-	W
November 2020	-	W	1.179	1.158	-	W
<b>Arkansas</b>						
November 2021	-	W	W	2.372	-	-
October 2021	W	W	W	2.441	-	-
November 2020	-	-	W	1.233	-	-
<b>Louisiana</b>						
November 2021	W	W	2.249	2.265	-	W
October 2021	W	W	2.227	2.169	-	W
November 2020	W	W	1.109	1.078	-	W
<b>Mississippi</b>						
November 2021	-	W	2.210	W	-	W
October 2021	-	W	W	2.299	-	W
November 2020	-	W	W	1.139	-	W
<b>New Mexico</b>						
November 2021	W	-	W	2.432	-	-
October 2021	W	-	W	2.447	-	-
November 2020	W	-	W	W	-	-
<b>Texas</b>						
November 2021	W	3.236	2.295	2.271	-	W
October 2021	W	W	2.287	2.232	-	W
November 2020	W	1.962	1.179	1.115	-	W

See footnotes at end of table.

**Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
November 2021	W	W	2.456	2.434	-	-
October 2021	W	W	2.479	2.429	-	-
November 2020	W	W	1.396	1.319	-	-
<b>Colorado</b>						
November 2021	W	-	2.420	2.416	-	-
October 2021	W	-	2.418	2.430	-	-
November 2020	W	-	W	1.241	-	-
<b>Idaho</b>						
November 2021	-	-	W	2.567	-	-
October 2021	-	-	W	2.535	-	-
November 2020	-	-	W	1.450	-	-
<b>Montana</b>						
November 2021	-	W	W	W	-	-
October 2021	W	W	W	W	-	-
November 2020	-	W	W	W	-	-
<b>Utah</b>						
November 2021	-	W	2.472	2.499	-	-
October 2021	-	W	2.511	2.446	-	-
November 2020	-	W	1.438	W	-	-
<b>Wyoming</b>						
November 2021	-	-	2.492	W	-	-
October 2021	-	-	W	W	-	-
November 2020	W	-	1.359	W	-	-
<b>PAD District 5</b>						
November 2021	W	3.627	2.282	2.238	W	W
October 2021	W	3.584	2.275	2.268	NA	W
November 2020	W	2.328	1.261	1.276	W	W
<b>Alaska</b>						
November 2021	-	-	W	W	-	-
October 2021	-	W	W	W	-	-
November 2020	W	-	W	W	-	-
<b>Arizona</b>						
November 2021	W	W	2.348	2.371	-	-
October 2021	W	W	2.275	2.316	-	-
November 2020	W	W	W	1.319	-	-
<b>California</b>						
November 2021	W	3.668	2.260	2.206	-	W
October 2021	W	3.580	2.264	2.250	-	W
November 2020	W	2.362	1.279	1.260	W	W
<b>Hawaii</b>						
November 2021	-	-	W	W	-	-
October 2021	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
<b>Nevada</b>						
November 2021	-	-	W	2.303	-	-
October 2021	-	-	W	2.235	-	-
November 2020	-	-	W	W	-	-
<b>Oregon</b>						
November 2021	-	W	2.355	W	-	-
October 2021	-	W	2.316	W	-	-
November 2020	-	W	1.321	W	-	-
<b>Washington</b>						
November 2021	-	W	2.250	2.294	W	-
October 2021	-	W	2.248	2.363	NA	-
November 2020	-	W	1.261	1.306	NA	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 33. Refiner prices of distillate fuels by PAD District and state**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
November 2021	2.859	2.684	2.535	2.447	-	W
October 2021	2.864	2.791	2.562	2.499	-	W
November 2020	1.769	1.647	1.485	1.306	-	W
<b>PAD District 1</b>						
November 2021	-	W	2.494	2.405	-	-
October 2021	-	W	2.469	2.490	-	-
November 2020	-	1.651	1.510	1.247	-	-
<b>Subdistrict 1A</b>						
November 2021	-	-	W	2.371	-	-
October 2021	-	-	W	2.494	-	-
November 2020	-	-	W	1.252	-	-
<b>Connecticut</b>						
November 2021	-	-	W	2.355	-	-
October 2021	-	-	W	2.503	-	-
November 2020	-	-	-	1.242	-	-
<b>Maine</b>						
November 2021	-	-	-	2.379	-	-
October 2021	-	-	-	2.515	-	-
November 2020	-	-	-	1.258	-	-
<b>Massachusetts</b>						
November 2021	-	-	-	2.403	-	-
October 2021	-	-	-	2.523	-	-
November 2020	-	-	W	1.249	-	-
<b>New Hampshire</b>						
November 2021	-	-	-	W	-	-
October 2021	-	-	-	W	-	-
November 2020	-	-	W	W	-	-
<b>Rhode Island</b>						
November 2021	-	-	-	2.403	-	-
October 2021	-	-	-	2.468	-	-
November 2020	-	-	W	1.253	-	-
<b>Vermont</b>						
November 2021	-	-	-	W	-	-
October 2021	-	-	-	W	-	-
November 2020	-	-	-	W	-	-
<b>Subdistrict 1B</b>						
November 2021	-	W	W	2.397	-	-
October 2021	-	W	W	2.472	-	-
November 2020	-	1.651	W	1.224	-	-
<b>Delaware</b>						
November 2021	-	-	W	W	-	-
October 2021	-	-	W	2.553	-	-
November 2020	-	-	W	1.245	-	-
<b>District of Columbia</b>						
November 2021	-	-	-	W	-	-
October 2021	-	-	-	W	-	-
November 2020	-	-	-	W	-	-
<b>Maryland</b>						
November 2021	-	-	-	2.396	-	-
October 2021	-	-	-	2.515	-	-
November 2020	-	-	W	1.252	-	-
<b>New Jersey</b>						
November 2021	-	W	W	2.371	-	-
October 2021	-	-	W	2.425	-	-
November 2020	-	-	1.480	1.185	-	-
<b>New York</b>						
November 2021	-	W	2.915	2.458	-	-
October 2021	-	W	2.854	2.546	-	-
November 2020	-	W	2.025	1.289	-	-
<b>Pennsylvania</b>						
November 2021	-	W	2.545	2.411	-	-
October 2021	-	W	2.614	2.517	-	-
November 2020	-	W	1.407	1.257	-	-

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
November 2021	-	-	2.407	2.421	-	-
October 2021	-	W	NA	2.507	-	-
November 2020	-	-	1.439	1.272	-	-
<b>Florida</b>						
November 2021	-	-	2.464	2.462	-	-
October 2021	-	-	2.522	2.538	-	-
November 2020	-	-	1.440	1.294	-	-
<b>Georgia</b>						
November 2021	-	-	2.408	2.356	-	-
October 2021	-	W	2.506	2.453	-	-
November 2020	-	-	1.297	1.259	-	-
<b>North Carolina</b>						
November 2021	-	-	2.371	2.397	-	-
October 2021	-	-	2.497	2.473	-	-
November 2020	-	-	1.491	1.259	-	-
<b>South Carolina</b>						
November 2021	-	-	W	2.396	-	-
October 2021	-	-	W	2.520	-	-
November 2020	-	-	W	1.260	-	-
<b>Virginia</b>						
November 2021	-	-	2.445	2.425	-	-
October 2021	-	-	2.532	2.529	-	-
November 2020	-	-	W	1.265	-	-
<b>West Virginia</b>						
November 2021	-	-	W	2.565	-	-
October 2021	-	-	W	2.548	-	-
November 2020	-	-	1.379	1.282	-	-
<b>PAD District 2</b>						
November 2021	2.985	2.682	2.411	2.385	-	-
October 2021	W	2.810	2.516	2.485	-	-
November 2020	1.854	1.600	1.392	1.308	-	-
<b>Illinois</b>						
November 2021	W	2.690	2.450	2.325	-	-
October 2021	W	2.826	2.503	2.457	-	-
November 2020	W	1.613	1.430	1.283	-	-
<b>Indiana</b>						
November 2021	-	W	W	2.376	-	-
October 2021	-	W	W	2.437	-	-
November 2020	-	W	1.441	1.323	-	-
<b>Iowa</b>						
November 2021	-	2.611	2.409	2.374	-	-
October 2021	-	2.745	2.557	2.499	-	-
November 2020	-	1.544	W	1.349	-	-
<b>Kansas</b>						
November 2021	-	2.615	2.302	2.329	-	-
October 2021	-	2.768	2.459	2.489	-	-
November 2020	W	1.559	1.248	1.296	-	-
<b>Kentucky</b>						
November 2021	W	W	W	2.474	-	-
October 2021	-	W	W	2.535	-	-
November 2020	W	W	1.411	1.324	-	-
<b>Michigan</b>						
November 2021	NA	2.773	W	2.383	-	-
October 2021	W	3.088	W	2.472	-	-
November 2020	W	2.051	1.606	1.306	-	-
<b>Minnesota</b>						
November 2021	W	2.712	2.607	2.435	-	-
October 2021	W	2.884	2.697	2.529	-	-
November 2020	W	1.570	1.459	1.365	-	-
<b>Missouri</b>						
November 2021	W	2.641	2.387	2.364	-	-
October 2021	W	2.805	2.561	2.514	-	-
November 2020	W	1.567	1.380	1.307	-	-

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
November 2021	W	2.648	2.418	2.385	-	-
October 2021	-	2.792	2.514	2.520	-	-
November 2020	W	1.576	1.334	1.348	-	-
<b>North Dakota</b>						
November 2021	W	2.795	W	2.545	-	-
October 2021	W	2.854	W	2.548	-	-
November 2020	W	1.670	W	1.420	-	-
<b>Ohio</b>						
November 2021	-	W	W	2.495	-	-
October 2021	-	W	W	2.479	-	-
November 2020	-	W	1.436	1.302	-	-
<b>Oklahoma</b>						
November 2021	-	W	W	2.312	-	-
October 2021	-	2.657	2.559	2.472	-	-
November 2020	-	W	1.343	1.263	-	-
<b>South Dakota</b>						
November 2021	W	2.680	W	2.418	-	-
October 2021	W	2.846	W	2.520	-	-
November 2020	W	1.587	W	1.386	-	-
<b>Tennessee</b>						
November 2021	-	W	2.417	2.427	-	-
October 2021	-	W	2.510	2.519	-	-
November 2020	-	W	1.311	1.279	-	-
<b>Wisconsin</b>						
November 2021	-	2.615	W	2.354	-	-
October 2021	W	W	2.391	2.447	-	-
November 2020	W	1.616	1.585	1.350	-	-
<b>PAD District 3</b>						
November 2021	-	W	2.432	2.376	-	W
October 2021	-	W	2.518	2.414	-	W
November 2020	-	-	1.328	1.216	-	W
<b>Alabama</b>						
November 2021	-	-	2.426	2.393	-	-
October 2021	-	-	2.529	2.490	-	-
November 2020	-	-	1.296	1.246	-	-
<b>Arkansas</b>						
November 2021	-	-	W	2.392	-	-
October 2021	-	-	W	2.516	-	-
November 2020	-	-	W	1.289	-	-
<b>Louisiana</b>						
November 2021	-	W	W	2.362	-	-
October 2021	-	W	W	2.346	-	-
November 2020	-	-	1.418	1.178	-	-
<b>Mississippi</b>						
November 2021	-	-	2.452	2.421	-	-
October 2021	-	-	2.454	2.451	-	-
November 2020	-	-	W	1.250	-	-
<b>New Mexico</b>						
November 2021	-	-	2.529	NA	-	-
October 2021	-	-	2.623	2.617	-	-
November 2020	-	-	1.622	1.359	-	-
<b>Texas</b>						
November 2021	-	W	2.412	2.366	-	W
October 2021	-	-	2.500	2.414	-	W
November 2020	-	-	1.306	1.214	-	W

See footnotes at end of table.

**Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)**

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
November 2021	3.393	3.013	2.701	2.771	-	-
October 2021	W	3.038	2.631	2.736	-	-
November 2020	2.233	1.856	1.547	1.579	-	-
<b>Colorado</b>						
November 2021	W	2.742	2.443	2.391	-	-
October 2021	W	2.884	2.525	2.558	-	-
November 2020	W	1.790	1.464	1.413	-	-
<b>Idaho</b>						
November 2021	W	3.134	3.325	3.083	-	-
October 2021	W	3.042	2.982	2.891	-	-
November 2020	W	2.165	2.030	1.729	-	-
<b>Montana</b>						
November 2021	W	2.990	2.718	2.838	-	-
October 2021	W	2.993	2.590	2.764	-	-
November 2020	W	1.772	1.523	1.528	-	-
<b>Utah</b>						
November 2021	-	3.676	W	3.137	-	-
October 2021	W	3.371	W	2.871	-	-
November 2020	W	2.463	1.652	1.785	-	-
<b>Wyoming</b>						
November 2021	W	2.986	2.457	2.621	-	-
October 2021	W	3.003	2.581	2.681	-	-
November 2020	-	1.795	1.422	1.480	-	-
<b>PAD District 5</b>						
November 2021	W	2.664	2.801	2.748	-	W
October 2021	W	2.689	2.693	2.706	-	-
November 2020	W	1.694	1.674	1.551	-	-
<b>Alaska</b>						
November 2021	W	W	W	W	-	-
October 2021	W	W	W	W	-	-
November 2020	W	W	W	W	-	-
<b>Arizona</b>						
November 2021	-	-	NA	2.960	-	-
October 2021	-	-	2.654	2.693	-	-
November 2020	-	-	1.475	1.443	-	-
<b>California</b>						
November 2021	-	-	2.964	2.850	-	-
October 2021	-	-	2.875	2.786	-	-
November 2020	-	-	1.806	1.586	-	-
<b>Hawaii</b>						
November 2021	-	-	W	W	-	-
October 2021	-	-	W	W	-	-
November 2020	-	-	W	W	-	-
<b>Nevada</b>						
November 2021	-	-	W	2.797	-	-
October 2021	-	-	W	2.675	-	-
November 2020	-	-	W	1.484	-	-
<b>Oregon</b>						
November 2021	-	W	W	2.614	-	-
October 2021	-	W	2.665	2.611	-	-
November 2020	-	W	1.677	1.582	-	-
<b>Washington</b>						
November 2021	W	W	2.741	2.511	-	W
October 2021	W	W	2.707	2.561	-	-
November 2020	W	W	1.656	1.458	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

# **Volume of Petroleum Products**

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
November 2021	3,178.2	3,324.7	15,348.1	235,610.0	10,002.2	436.1	446.0	137.8	1,121.5	-
October 2021	3,171.1	3,287.0	15,537.2	234,817.4	6,788.4	446.0	457.3	134.0	1,163.7	-
November 2020	15,342.3	15,464.2	12,667.8	202,961.2	7,133.6	1,354.2	1,365.2	121.7	1,168.3	-
<b>PAD District 1</b>										
November 2021	W	W	W	69,583.3	W	W	W	W	W	-
October 2021	W	W	W	68,927.0	W	W	W	NA	361.6	-
November 2020	4,952.7	4,959.8	W	58,142.3	W	489.3	492.8	-	407.5	-
<b>Subdistrict 1A</b>										
November 2021	-	W	W	W	-	-	-	-	14.9	-
October 2021	-	W	W	W	-	-	-	-	20.8	-
November 2020	W	W	W	W	-	W	W	-	14.5	-
<b>Connecticut</b>										
November 2021	-	W	-	1,909.9	-	-	-	-	1.5	-
October 2021	-	W	-	1,938.6	-	-	-	-	2.6	-
November 2020	-	-	-	1,623.6	-	-	-	-	3.0	-
<b>Maine</b>										
November 2021	-	-	-	W	-	-	-	-	W	-
October 2021	-	-	-	W	-	-	-	-	W	-
November 2020	-	-	-	508.2	-	-	-	-	W	-
<b>Massachusetts</b>										
November 2021	-	-	-	1,698.2	-	-	-	-	5.8	-
October 2021	-	-	-	1,628.8	-	-	-	-	7.6	-
November 2020	W	W	-	928.7	-	W	W	-	2.8	-
<b>New Hampshire</b>										
November 2021	-	-	W	W	-	-	-	-	-	-
October 2021	-	-	W	W	-	-	-	-	-	-
November 2020	W	W	W	W	-	W	W	-	W	-
<b>Rhode Island</b>										
November 2021	-	-	-	805.2	-	-	-	-	W	-
October 2021	-	-	-	797.8	-	-	-	-	W	-
November 2020	W	W	-	654.5	-	W	W	-	W	-
<b>Vermont</b>										
November 2021	-	-	W	W	-	-	-	-	-	-
October 2021	-	-	W	W	-	-	-	-	-	-
November 2020	-	-	W	43.2	-	-	-	-	-	-
<b>Subdistrict 1B</b>										
November 2021	W	W	W	22,264.6	W	W	W	W	W	-
October 2021	W	W	W	22,130.9	W	W	W	NA	106.0	-
November 2020	2,708.0	2,708.0	W	W	W	301.5	301.5	-	81.1	-
<b>Delaware</b>										
November 2021	-	-	-	944.9	-	-	-	-	5.4	-
October 2021	-	-	-	1,042.2	-	-	-	-	8.3	-
November 2020	W	W	-	766.2	-	W	W	-	4.9	-
<b>District of Columbia</b>										
November 2021	-	-	-	-	-	-	-	-	-	-
October 2021	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2021	-	-	-	3,497.9	-	-	-	-	29.0	-
October 2021	-	-	-	3,279.8	-	-	-	-	32.5	-
November 2020	-	-	-	2,893.8	-	-	-	-	33.8	-
<b>New Jersey</b>										
November 2021	W	W	W	6,926.2	W	W	W	W	W	-
October 2021	NA	NA	NA	W	W	NA	NA	-	26.4	-
November 2020	W	W	W	5,674.1	W	W	W	-	18.6	-
<b>New York</b>										
November 2021	W	W	W	W	-	W	W	W	W	-
October 2021	W	W	W	W	-	W	W	NA	23.3	-
November 2020	1,774.8	1,774.8	W	W	-	200.1	200.1	-	11.8	-
<b>Pennsylvania</b>										
November 2021	W	W	-	W	W	W	W	-	13.8	-
October 2021	W	W	-	W	W	W	W	-	15.6	-
November 2020	W	W	-	W	W	W	W	-	11.9	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
November 2021	777.2	786.1	4,668.5	30,956.8	1,694.6	4,391.5	4,556.9	20,154.3	267,688.3	11,696.8
October 2021	832.6	840.2	4,713.9	31,681.1	1,269.0	4,449.6	4,584.5	20,385.1	267,662.1	8,057.5
November 2020	2,196.2	2,205.4	4,211.2	29,471.3	2,313.5	18,892.7	19,034.8	17,000.6	233,600.8	9,447.1
<b>PAD District 1</b>										
November 2021	W	W	W	W	W	W	W	W	W	5,914.0
October 2021	W	W	W	W	W	W	W	W	W	4,187.5
November 2020	789.3	789.3	W	8,884.7	W	6,231.3	6,242.0	W	67,434.5	W
<b>Subdistrict 1A</b>										
November 2021	-	-	W	W	-	-	W	W	W	-
October 2021	-	-	W	W	-	-	W	W	W	-
November 2020	W	W	W	W	-	W	W	W	W	-
<b>Connecticut</b>										
November 2021	-	-	-	371.5	-	-	W	-	2,282.9	-
October 2021	-	-	-	392.4	-	-	W	-	2,333.6	-
November 2020	-	-	-	336.4	-	-	-	-	1,963.0	-
<b>Maine</b>										
November 2021	-	-	-	W	-	-	-	-	614.9	-
October 2021	-	-	-	W	-	-	-	-	653.6	-
November 2020	-	-	-	W	-	-	-	-	556.5	-
<b>Massachusetts</b>										
November 2021	-	-	-	292.6	-	-	-	-	1,996.6	-
October 2021	-	-	-	286.3	-	-	-	-	1,922.7	-
November 2020	W	W	-	172.1	-	W	W	-	1,103.6	-
<b>New Hampshire</b>										
November 2021	-	-	W	W	-	-	-	W	W	-
October 2021	-	-	W	W	-	-	-	W	W	-
November 2020	W	W	W	W	-	W	W	W	W	-
<b>Rhode Island</b>										
November 2021	-	-	-	W	-	-	-	-	946.2	-
October 2021	-	-	-	W	-	-	-	-	947.7	-
November 2020	W	W	-	W	-	W	W	-	787.6	-
<b>Vermont</b>										
November 2021	-	-	W	W	-	-	-	W	237.7	-
October 2021	-	-	W	W	-	-	-	W	249.3	-
November 2020	-	-	W	W	-	-	-	W	W	-
<b>Subdistrict 1B</b>										
November 2021	W	W	W	W	W	W	W	W	25,680.6	W
October 2021	W	W	W	3,382.2	W	W	W	W	25,619.1	W
November 2020	530.4	530.4	W	W	W	3,539.9	3,539.9	W	20,641.0	W
<b>Delaware</b>										
November 2021	-	-	-	111.6	-	-	-	-	1,061.9	-
October 2021	-	-	-	131.1	-	-	-	-	1,181.5	-
November 2020	W	W	-	101.0	-	W	W	-	872.1	-
<b>District of Columbia</b>										
November 2021	-	-	-	-	-	-	-	-	-	-
October 2021	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2021	-	-	-	552.6	-	-	-	-	4,079.5	-
October 2021	-	-	-	475.6	-	-	-	-	3,787.8	-
November 2020	-	-	-	486.4	-	-	-	-	3,414.0	-
<b>New Jersey</b>										
November 2021	W	W	W	W	W	W	W	W	8,071.0	W
October 2021	NA	NA	NA	W	W	NA	NA	NA	8,128.1	1,657.0
November 2020	W	W	W	996.5	W	W	W	W	6,689.2	W
<b>New York</b>										
November 2021	W	W	W	1,024.2	W	W	W	W	W	W
October 2021	W	W	W	W	W	W	W	W	W	W
November 2020	359.2	359.2	W	W	W	2,334.1	2,334.1	W	W	W
<b>Pennsylvania</b>										
November 2021	W	W	-	W	W	W	W	-	W	W
October 2021	W	W	-	W	W	W	W	-	W	W
November 2020	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
November 2021	-	8.5	-	W	W	-	W	-	234.8	-
October 2021	-	W	-	W	W	-	W	-	234.8	-
November 2020	W	W	-	36,691.3	-	W	W	-	312.0	-
<b>Florida</b>										
November 2021	-	W	-	W	W	-	-	-	91.8	-
October 2021	-	W	-	14,672.2	-	-	-	-	91.5	-
November 2020	W	W	-	12,121.5	-	W	W	-	112.8	-
<b>Georgia</b>										
November 2021	-	W	-	W	W	-	-	-	23.5	-
October 2021	-	W	-	W	W	-	-	-	21.1	-
November 2020	W	W	-	7,183.3	-	W	W	-	30.8	-
<b>North Carolina</b>										
November 2021	-	W	-	W	W	-	-	-	55.2	-
October 2021	-	-	-	9,134.1	-	-	-	-	57.1	-
November 2020	W	W	-	7,538.5	-	W	W	-	82.8	-
<b>South Carolina</b>										
November 2021	-	-	-	W	W	-	W	-	13.4	-
October 2021	-	-	-	3,946.7	-	-	W	-	15.5	-
November 2020	W	W	-	3,686.1	-	W	W	-	28.8	-
<b>Virginia</b>										
November 2021	-	-	-	6,171.7	-	-	-	-	47.6	-
October 2021	-	-	-	5,831.3	-	-	-	-	46.1	-
November 2020	-	-	-	5,362.4	-	-	-	-	51.0	-
<b>West Virginia</b>										
November 2021	-	-	-	628.2	-	-	-	-	3.2	-
October 2021	-	-	-	682.9	-	-	-	-	3.5	-
November 2020	W	W	-	799.5	-	W	W	-	5.7	-
<b>PAD District 2</b>										
November 2021	W	146.4	-	W	W	W	W	-	401.3	-
October 2021	W	109.6	-	80,617.9	-	W	W	-	403.4	-
November 2020	W	W	W	67,952.9	W	W	W	-	331.3	-
<b>Illinois</b>										
November 2021	-	W	-	10,173.0	-	-	-	-	33.6	-
October 2021	-	0.9	-	10,056.8	-	-	-	-	35.2	-
November 2020	W	W	-	W	W	W	W	-	41.1	-
<b>Indiana</b>										
November 2021	-	W	-	7,092.8	-	-	-	-	27.7	-
October 2021	-	W	-	6,852.0	-	-	-	-	30.1	-
November 2020	W	W	-	5,232.9	-	W	W	-	12.3	-
<b>Iowa</b>										
November 2021	-	-	-	3,004.0	-	-	-	-	38.8	-
October 2021	-	-	-	2,938.7	-	-	-	-	37.8	-
November 2020	-	W	-	2,816.9	-	-	-	-	44.5	-
<b>Kansas</b>										
November 2021	W	W	-	W	W	W	W	-	9.4	-
October 2021	W	W	-	4,018.4	-	W	W	-	8.1	-
November 2020	W	W	-	3,626.2	-	W	W	-	12.1	-
<b>Kentucky</b>										
November 2021	-	W	-	4,443.1	-	-	-	-	11.0	-
October 2021	-	W	-	4,490.6	-	-	-	-	10.1	-
November 2020	W	W	-	3,244.2	-	W	W	-	14.8	-
<b>Michigan</b>										
November 2021	-	W	-	11,001.6	-	-	-	-	8.9	-
October 2021	-	W	-	11,068.8	-	-	-	-	10.5	-
November 2020	W	W	-	8,411.2	-	W	W	-	11.1	-
<b>Minnesota</b>										
November 2021	W	W	-	5,325.2	-	NA	W	-	121.0	-
October 2021	W	W	-	5,293.5	-	W	W	-	118.4	-
November 2020	W	W	W	W	-	W	W	-	44.4	-
<b>Missouri</b>										
November 2021	-	W	-	3,280.9	-	-	-	-	23.0	-
October 2021	-	W	-	3,279.5	-	-	-	-	21.1	-
November 2020	-	W	-	2,944.1	-	-	-	-	15.1	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
November 2021	-	W	-	W	W	-	11.8	-	W	W
October 2021	-	-	-	W	W	-	11.1	-	W	W
November 2020	W	W	-	W	W	W	W	-	W	W
<b>Florida</b>										
November 2021	-	-	-	W	W	-	W	-	W	W
October 2021	-	-	-	W	W	-	W	-	W	W
November 2020	W	W	-	W	W	W	W	-	W	W
<b>Georgia</b>										
November 2021	-	-	-	1,009.5	-	-	W	-	W	W
October 2021	-	-	-	1,025.2	-	-	W	-	W	W
November 2020	W	W	-	1,024.6	-	W	W	-	8,238.7	-
<b>North Carolina</b>										
November 2021	-	W	-	1,136.6	-	-	W	-	W	W
October 2021	-	-	-	1,140.7	-	-	-	-	10,331.9	-
November 2020	W	W	-	1,045.2	-	W	W	-	8,666.6	-
<b>South Carolina</b>										
November 2021	-	-	-	422.9	-	-	W	-	W	W
October 2021	-	-	-	437.8	-	-	W	-	4,400.0	-
November 2020	W	W	-	438.2	-	W	W	-	4,153.1	-
<b>Virginia</b>										
November 2021	-	-	-	847.4	-	-	-	-	7,066.7	-
October 2021	-	-	-	820.5	-	-	-	-	6,697.9	-
November 2020	-	-	-	808.5	-	-	-	-	6,221.8	-
<b>West Virginia</b>										
November 2021	-	-	-	42.9	-	-	-	-	674.2	-
October 2021	-	-	-	W	W	-	-	-	W	W
November 2020	W	W	-	43.7	-	W	W	-	849.0	-
<b>PAD District 2</b>										
November 2021	W	W	-	W	W	W	164.3	-	89,383.4	514.9
October 2021	W	W	-	7,394.1	447.8	W	126.6	-	88,415.5	447.8
November 2020	W	W	W	6,661.9	W	W	W	W	74,946.1	W
<b>Illinois</b>										
November 2021	-	-	-	W	W	-	W	-	W	W
October 2021	-	-	-	W	W	-	0.9	-	W	W
November 2020	W	W	-	1,092.0	-	W	W	-	W	W
<b>Indiana</b>										
November 2021	-	-	-	W	W	-	W	-	W	W
October 2021	-	-	-	W	W	-	W	-	W	W
November 2020	W	W	-	441.8	-	W	W	-	5,687.0	-
<b>Iowa</b>										
November 2021	-	-	-	286.5	-	-	-	-	3,329.3	-
October 2021	-	-	-	319.4	-	-	-	-	3,295.9	-
November 2020	-	-	-	290.1	-	-	W	-	3,151.5	-
<b>Kansas</b>										
November 2021	-	-	-	W	W	W	W	-	4,303.2	93.8
October 2021	-	-	-	W	W	W	W	-	W	W
November 2020	-	-	-	W	W	W	W	-	W	W
<b>Kentucky</b>										
November 2021	-	W	-	301.9	-	-	W	-	4,756.0	-
October 2021	-	-	-	303.9	-	-	W	-	4,804.6	-
November 2020	W	W	-	241.6	-	W	W	-	3,500.6	-
<b>Michigan</b>										
November 2021	-	W	-	709.7	-	-	W	-	11,720.2	-
October 2021	-	W	-	754.9	-	-	W	-	11,834.2	-
November 2020	W	W	-	633.1	-	W	W	-	9,055.4	-
<b>Minnesota</b>										
November 2021	W	W	-	W	W	W	W	-	W	W
October 2021	W	W	-	W	W	W	W	-	W	W
November 2020	W	W	W	W	W	W	W	W	4,474.5	W
<b>Missouri</b>										
November 2021	-	W	-	279.8	-	-	W	-	3,583.7	-
October 2021	-	W	-	296.5	-	-	W	-	3,597.1	-
November 2020	-	-	-	288.4	-	-	W	-	3,247.6	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2021	W	W	-	1,579.0	-	W	W	-	10.8	-
October 2021	W	W	-	1,537.1	-	W	W	-	9.9	-
November 2020	W	W	-	1,310.7	-	W	W	-	12.2	-
<b>North Dakota</b>										
November 2021	W	W	-	798.5	-	W	W	-	12.4	-
October 2021	W	W	-	758.1	-	W	W	-	12.8	-
November 2020	W	W	-	692.7	-	W	W	-	12.8	-
<b>Ohio</b>										
November 2021	W	21.9	-	11,590.2	-	W	W	-	21.3	-
October 2021	W	17.8	-	11,036.9	-	W	W	-	20.8	-
November 2020	W	W	-	9,038.5	-	W	W	-	19.6	-
<b>Oklahoma</b>										
November 2021	W	W	-	W	W	W	W	-	1.1	-
October 2021	W	W	-	4,024.0	-	W	W	-	1.3	-
November 2020	W	W	-	W	W	W	W	-	1.5	-
<b>South Dakota</b>										
November 2021	W	W	-	1,068.2	-	W	W	-	12.4	-
October 2021	W	W	-	1,069.3	-	W	W	-	14.7	-
November 2020	W	W	-	796.2	-	W	W	-	11.8	-
<b>Tennessee</b>										
November 2021	-	W	-	9,121.7	-	-	-	-	40.0	-
October 2021	-	W	-	8,768.1	-	-	-	-	39.6	-
November 2020	W	W	-	8,151.4	-	W	W	-	47.6	-
<b>Wisconsin</b>										
November 2021	-	NA	-	5,490.3	-	-	NA	-	30.0	-
October 2021	-	W	-	5,426.1	-	-	W	-	33.0	-
November 2020	W	W	-	4,810.1	-	W	W	-	30.3	-
<b>PAD District 3</b>										
November 2021	W	W	498.0	48,777.7	4,235.1	-	-	W	W	-
October 2021	W	W	534.8	48,970.8	2,843.7	-	-	W	W	-
November 2020	672.4	683.6	63.9	44,974.6	4,218.2	66.0	66.2	-	186.8	-
<b>Alabama</b>										
November 2021	-	W	-	4,739.9	-	-	-	-	17.9	-
October 2021	-	W	-	W	W	-	-	-	19.1	-
November 2020	W	W	-	4,562.5	-	W	W	-	20.7	-
<b>Arkansas</b>										
November 2021	-	-	-	3,061.9	-	-	-	-	10.7	-
October 2021	-	W	-	3,063.8	-	-	-	-	9.4	-
November 2020	-	-	-	2,882.9	-	-	-	-	11.9	-
<b>Louisiana</b>										
November 2021	-	W	-	5,658.6	3,260.3	-	-	-	5.2	-
October 2021	-	W	-	W	W	-	-	-	6.4	-
November 2020	-	W	-	W	W	-	-	-	9.0	-
<b>Mississippi</b>										
November 2021	-	-	W	W	-	-	-	-	13.1	-
October 2021	-	-	W	W	-	-	-	-	16.8	-
November 2020	-	-	-	W	W	-	-	-	16.3	-
<b>New Mexico</b>										
November 2021	W	W	W	W	-	-	-	W	W	-
October 2021	W	W	W	W	-	-	-	W	W	-
November 2020	284.1	287.4	W	W	-	38.0	38.0	-	6.9	-
<b>Texas</b>										
November 2021	W	W	W	W	974.9	-	-	W	W	-
October 2021	W	W	W	31,780.8	W	-	-	-	92.5	-
November 2020	W	W	W	28,726.0	W	W	W	-	121.9	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2021	-	-	-	149.5	-	W	W	-	1,739.3	-
October 2021	-	-	-	155.7	-	W	W	-	1,702.8	-
November 2020	-	-	-	156.1	-	W	W	-	1,479.0	-
<b>North Dakota</b>										
November 2021	W	W	-	98.7	-	W	W	-	909.6	-
October 2021	W	W	-	94.2	-	W	W	-	865.1	-
November 2020	W	W	-	91.1	-	W	W	-	796.7	-
<b>Ohio</b>										
November 2021	W	W	-	811.9	-	W	23.9	-	12,423.5	-
October 2021	W	W	-	830.6	-	W	19.5	-	11,888.3	-
November 2020	W	W	-	733.2	-	W	W	-	9,791.3	-
<b>Oklahoma</b>										
November 2021	W	W	-	W	W	W	W	-	4,419.5	319.9
October 2021	W	W	-	452.4	237.1	W	W	-	4,477.6	237.1
November 2020	W	W	-	W	W	W	W	-	4,238.0	408.1
<b>South Dakota</b>										
November 2021	W	W	-	96.6	-	W	W	-	1,177.1	-
October 2021	W	W	-	106.5	-	W	W	-	1,190.5	-
November 2020	W	W	-	94.6	-	W	W	-	902.6	-
<b>Tennessee</b>										
November 2021	-	W	-	895.2	-	-	W	-	10,056.9	-
October 2021	-	W	-	875.0	-	-	W	-	9,682.7	-
November 2020	W	W	-	878.9	-	W	W	-	9,077.9	-
<b>Wisconsin</b>										
November 2021	-	NA	-	475.6	-	-	NA	-	5,995.9	-
October 2021	-	W	-	531.6	-	-	W	-	5,990.8	-
November 2020	W	W	-	462.9	-	W	W	-	5,303.3	-
<b>PAD District 3</b>										
November 2021	W	W	W	W	822.7	W	W	582.1	54,840.0	5,057.8
October 2021	W	W	W	W	462.7	W	W	630.1	55,053.4	3,306.4
November 2020	69.8	73.6	13.1	5,745.0	1,310.8	808.1	823.4	77.0	50,906.4	5,529.0
<b>Alabama</b>										
November 2021	-	W	-	461.0	-	-	W	-	5,218.8	-
October 2021	-	W	-	457.0	-	-	W	-	W	W
November 2020	W	4.5	-	471.8	-	W	W	-	5,055.0	-
<b>Arkansas</b>										
November 2021	-	-	-	313.8	-	-	-	-	3,386.4	-
October 2021	-	-	-	317.1	-	-	W	-	3,390.3	-
November 2020	-	-	-	296.7	-	-	-	-	3,191.5	-
<b>Louisiana</b>										
November 2021	-	-	-	W	W	-	W	-	W	W
October 2021	-	-	-	W	W	-	W	-	W	W
November 2020	-	-	-	W	W	-	W	-	W	W
<b>Mississippi</b>										
November 2021	-	-	W	W	-	-	-	W	W	-
October 2021	-	-	W	W	-	-	-	W	W	-
November 2020	-	-	-	253.2	-	-	-	-	W	W
<b>New Mexico</b>										
November 2021	W	W	W	W	-	W	W	W	W	-
October 2021	W	W	W	W	-	W	W	W	W	-
November 2020	35.1	35.7	W	W	-	357.3	361.1	W	W	-
<b>Texas</b>										
November 2021	W	W	W	4,026.8	W	W	W	W	35,639.2	W
October 2021	W	W	W	4,096.9	W	W	W	W	35,970.2	W
November 2020	W	33.4	W	3,916.4	W	W	W	W	32,764.3	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
November 2021	W	209.8	W	W	-	W	W	-	89.9	-
October 2021	W	217.4	W	W	-	W	W	-	101.5	-
November 2020	W	W	W	W	-	W	W	-	82.5	-
<b>Colorado</b>										
November 2021	W	W	-	4,282.4	-	W	W	-	32.9	-
October 2021	W	W	-	4,455.0	-	W	W	-	31.7	-
November 2020	124.4	128.1	W	W	-	W	W	-	21.3	-
<b>Idaho</b>										
November 2021	W	W	-	1,317.4	-	-	-	-	2.0	-
October 2021	W	W	-	1,420.8	-	-	-	-	W	-
November 2020	W	W	-	1,251.3	-	W	W	-	3.2	-
<b>Montana</b>										
November 2021	W	W	-	1,236.4	-	W	W	-	4.4	-
October 2021	W	W	-	1,295.2	-	W	W	-	5.1	-
November 2020	W	W	-	1,048.9	-	W	W	-	6.4	-
<b>Utah</b>										
November 2021	-	W	W	W	-	-	-	-	39.2	-
October 2021	-	W	W	W	-	-	-	-	49.8	-
November 2020	W	W	W	W	-	W	10.2	-	45.0	-
<b>Wyoming</b>										
November 2021	W	4.4	W	W	-	W	W	-	11.4	-
October 2021	W	W	W	W	-	W	W	-	W	-
November 2020	W	6.6	-	551.3	-	W	W	-	6.5	-
<b>PAD District 5</b>										
November 2021	1,419.9	1,434.7	13,913.0	W	W	235.5	236.1	119.8	137.8	-
October 2021	1,430.3	1,446.3	14,106.5	W	W	241.6	242.0	W	W	-
November 2020	3,043.0	3,070.7	11,606.9	W	W	472.7	473.1	121.7	160.2	-
<b>Alaska</b>										
November 2021	W	W	W	418.7	-	W	W	-	W	-
October 2021	W	W	W	400.6	-	W	W	-	W	-
November 2020	W	W	W	355.0	-	W	W	W	W	-
<b>Arizona</b>										
November 2021	-	W	W	W	-	-	-	W	W	-
October 2021	-	W	W	W	-	-	-	W	W	-
November 2020	W	W	669.9	3,869.3	-	W	W	W	W	-
<b>California</b>										
November 2021	W	W	10,708.5	12,042.4	-	W	W	W	W	-
October 2021	W	W	10,851.0	12,090.2	-	W	W	W	W	-
November 2020	2,289.4	2,289.9	8,920.3	11,205.3	-	419.0	419.0	W	W	-
<b>Hawaii</b>										
November 2021	W	W	W	W	W	NA	W	W	W	-
October 2021	W	W	W	W	W	W	W	W	W	-
November 2020	W	W	W	W	W	W	W	W	W	-
<b>Nevada</b>										
November 2021	-	W	W	W	-	-	-	W	W	-
October 2021	-	W	W	W	-	-	-	W	W	-
November 2020	W	17.3	W	W	-	W	W	W	W	-
<b>Oregon</b>										
November 2021	W	W	624.3	W	W	W	W	W	W	-
October 2021	W	W	636.3	2,961.6	-	W	W	W	W	-
November 2020	63.3	63.3	540.8	2,625.3	-	4.5	4.5	2.3	4.2	-
<b>Washington</b>										
November 2021	194.5	197.8	821.2	4,693.6	-	19.7	19.8	W	W	-
October 2021	NA	NA	849.7	4,742.8	-	NA	NA	W	W	-
November 2020	241.6	245.1	690.3	3,898.4	-	25.5	25.7	W	W	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
November 2021	W	W	W	W	-	W	286.1	W	W	-
October 2021	W	W	W	W	-	W	299.2	W	W	-
November 2020	W	W	W	W	-	W	W	W	W	-
<b>Colorado</b>										
November 2021	W	W	-	974.2	-	W	W	-	5,289.5	-
October 2021	W	W	-	1,018.4	-	W	W	-	5,505.2	-
November 2020	W	W	W	W	-	187.8	191.8	W	W	-
<b>Idaho</b>										
November 2021	W	W	-	239.0	-	W	W	-	1,558.5	-
October 2021	W	W	-	W	-	W	W	-	1,678.1	-
November 2020	W	W	-	266.2	-	W	W	-	1,520.8	-
<b>Montana</b>										
November 2021	W	W	-	222.0	-	W	W	-	1,462.8	-
October 2021	W	W	-	241.8	-	W	W	-	1,542.2	-
November 2020	W	W	-	239.6	-	W	W	-	1,294.9	-
<b>Utah</b>										
November 2021	-	-	W	W	-	-	W	W	W	-
October 2021	-	-	W	W	-	-	W	W	W	-
November 2020	W	W	W	W	-	W	60.3	W	W	-
<b>Wyoming</b>										
November 2021	W	W	W	W	-	W	5.2	W	W	-
October 2021	W	W	W	W	-	W	W	W	W	-
November 2020	W	W	-	112.1	-	W	8.5	-	669.9	-
<b>PAD District 5</b>										
November 2021	432.1	432.4	4,257.2	W	W	2,087.5	2,103.1	18,289.9	31,309.4	210.1
October 2021	476.1	476.6	W	6,011.6	W	2,148.0	2,164.9	18,505.2	31,889.3	115.7
November 2020	866.4	868.1	3,866.1	W	W	4,382.1	4,412.0	15,594.6	W	W
<b>Alaska</b>										
November 2021	W	W	W	33.8	-	W	W	139.0	W	-
October 2021	W	W	W	32.6	-	W	W	141.4	W	-
November 2020	W	W	W	W	-	W	W	W	407.2	-
<b>Arizona</b>										
November 2021	-	-	W	W	-	-	W	W	W	-
October 2021	-	-	W	W	-	-	W	W	W	-
November 2020	W	W	W	W	-	W	W	794.3	4,475.5	-
<b>California</b>										
November 2021	W	W	3,528.2	W	W	W	W	W	15,691.4	W
October 2021	W	W	3,542.2	W	W	W	W	W	15,853.3	W
November 2020	748.1	748.1	3,188.3	W	W	3,456.4	3,457.0	W	14,963.5	W
<b>Hawaii</b>										
November 2021	W	W	W	W	-	W	W	W	W	W
October 2021	W	W	W	W	W	W	W	W	W	W
November 2020	W	W	W	W	W	W	W	W	W	W
<b>Nevada</b>										
November 2021	-	-	W	W	-	-	W	W	W	-
October 2021	-	-	W	344.3	W	-	W	W	1,665.7	W
November 2020	W	W	W	W	-	W	23.3	W	W	-
<b>Oregon</b>										
November 2021	W	W	114.8	389.0	-	W	W	W	3,221.9	W
October 2021	W	W	118.4	W	W	W	W	W	3,353.0	W
November 2020	10.7	10.7	105.9	383.3	-	78.5	78.5	649.0	3,012.9	-
<b>Washington</b>										
November 2021	28.3	28.4	198.0	W	W	242.4	246.0	W	5,636.5	W
October 2021	NA	NA	202.1	W	W	NA	NA	W	5,708.6	W
November 2020	37.8	38.0	180.0	W	W	304.9	308.8	W	4,797.8	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2021	W	W	W	193,010.3	W
October 2021	W	W	W	192,692.3	W
November 2020	11,730.4	11,855.1	3,160.3	168,714.2	6,757.7
<b>PAD District 1</b>					
November 2021	W	W	W	52,200.3	W
October 2021	W	W	W	51,828.0	W
November 2020	W	W	W	45,231.4	W
<b>Subdistrict 1A</b>					
November 2021	-	-	W	W	-
October 2021	-	-	W	W	-
November 2020	-	-	W	W	-
<b>Connecticut</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Maine</b>					
November 2021	-	-	-	W	-
October 2021	-	-	-	W	-
November 2020	-	-	-	W	-
<b>Massachusetts</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>New Hampshire</b>					
November 2021	-	-	W	W	-
October 2021	-	-	W	W	-
November 2020	-	-	W	-	-
<b>Rhode Island</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Vermont</b>					
November 2021	-	-	W	237.7	-
October 2021	-	-	W	249.3	-
November 2020	-	-	W	W	-
<b>Subdistrict 1B</b>					
November 2021	W	W	W	W	NA
October 2021	W	W	W	W	2,840.8
November 2020	W	W	W	6,045.0	W
<b>Delaware</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>District of Columbia</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Maryland</b>					
November 2021	-	-	-	W	-
October 2021	-	-	-	W	-
November 2020	-	-	-	W	-
<b>New Jersey</b>					
November 2021	-	-	-	-	W
October 2021	-	-	-	-	W
November 2020	-	-	-	-	W
<b>New York</b>					
November 2021	W	W	W	W	W
October 2021	W	W	W	W	W
November 2020	W	W	W	W	W
<b>Pennsylvania</b>					
November 2021	W	W	-	W	W
October 2021	W	W	-	W	W
November 2020	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2021	W	W	W	74,678.0	W
October 2021	W	W	W	74,969.8	W
November 2020	7,162.4	7,179.7	13,840.3	64,886.6	2,689.4
<b>PAD District 1</b>					
November 2021	W	W	W	W	W
October 2021	NA	W	NA	W	W
November 2020	W	W	W	22,203.0	W
<b>Subdistrict 1A</b>					
November 2021	-	W	-	5,498.4	-
October 2021	-	W	-	5,564.2	-
November 2020	W	W	-	4,161.1	-
<b>Connecticut</b>					
November 2021	-	W	-	2,282.9	-
October 2021	-	W	-	2,333.6	-
November 2020	-	-	-	1,963.0	-
<b>Maine</b>					
November 2021	-	-	-	W	-
October 2021	-	-	-	W	-
November 2020	-	-	-	W	-
<b>Massachusetts</b>					
November 2021	-	-	-	1,996.6	-
October 2021	-	-	-	1,922.7	-
November 2020	W	W	-	1,103.6	-
<b>New Hampshire</b>					
November 2021	-	-	-	W	-
October 2021	-	-	-	W	-
November 2020	W	W	-	W	-
<b>Rhode Island</b>					
November 2021	-	-	-	W	-
October 2021	-	-	-	W	-
November 2020	W	W	-	W	-
<b>Vermont</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Subdistrict 1B</b>					
November 2021	W	W	W	W	W
October 2021	NA	NA	NA	W	W
November 2020	W	W	W	14,596.0	W
<b>Delaware</b>					
November 2021	-	-	-	1,061.9	-
October 2021	-	-	-	1,181.5	-
November 2020	W	W	-	872.1	-
<b>District of Columbia</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Maryland</b>					
November 2021	-	-	-	W	-
October 2021	-	-	-	W	-
November 2020	-	-	-	W	-
<b>New Jersey</b>					
November 2021	W	W	W	8,071.0	W
October 2021	NA	NA	NA	8,128.1	W
November 2020	W	W	W	6,689.2	W
<b>New York</b>					
November 2021	W	W	W	W	-
October 2021	NA	NA	NA	3,709.6	-
November 2020	W	W	W	W	-
<b>Pennsylvania</b>					
November 2021	-	-	-	W	W
October 2021	-	-	-	W	W
November 2020	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2021	4,391.5	4,556.9	20,154.3	267,688.3	11,696.8
October 2021	4,449.6	4,584.5	20,385.1	267,662.1	8,057.5
November 2020	18,892.7	19,034.8	17,000.6	233,600.8	9,447.1
<b>PAD District 1</b>					
November 2021	W	W	W	W	5,914.0
October 2021	W	W	W	W	4,187.5
November 2020	6,231.3	6,242.0	W	67,434.5	W
<b>Subdistrict 1A</b>					
November 2021	-	W	W	W	-
October 2021	-	W	W	W	-
November 2020	W	W	W	W	-
<b>Connecticut</b>					
November 2021	-	W	-	2,282.9	-
October 2021	-	W	-	2,333.6	-
November 2020	-	-	-	1,963.0	-
<b>Maine</b>					
November 2021	-	-	-	614.9	-
October 2021	-	-	-	653.6	-
November 2020	-	-	-	556.5	-
<b>Massachusetts</b>					
November 2021	-	-	-	1,996.6	-
October 2021	-	-	-	1,922.7	-
November 2020	W	W	-	1,103.6	-
<b>New Hampshire</b>					
November 2021	-	-	W	W	-
October 2021	-	-	W	W	-
November 2020	W	W	W	W	-
<b>Rhode Island</b>					
November 2021	-	-	-	946.2	-
October 2021	-	-	-	947.7	-
November 2020	W	W	-	787.6	-
<b>Vermont</b>					
November 2021	-	-	W	237.7	-
October 2021	-	-	W	249.3	-
November 2020	-	-	W	W	-
<b>Subdistrict 1B</b>					
November 2021	W	W	W	25,680.6	W
October 2021	W	W	W	25,619.1	W
November 2020	3,539.9	3,539.9	W	20,641.0	W
<b>Delaware</b>					
November 2021	-	-	-	1,061.9	-
October 2021	-	-	-	1,181.5	-
November 2020	W	W	-	872.1	-
<b>District of Columbia</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Maryland</b>					
November 2021	-	-	-	4,079.5	-
October 2021	-	-	-	3,787.8	-
November 2020	-	-	-	3,414.0	-
<b>New Jersey</b>					
November 2021	W	W	W	8,071.0	W
October 2021	NA	NA	NA	8,128.1	1,657.0
November 2020	W	W	W	6,689.2	W
<b>New York</b>					
November 2021	W	W	W	W	W
October 2021	W	W	W	W	W
November 2020	2,334.1	2,334.1	W	W	W
<b>Pennsylvania</b>					
November 2021	W	W	-	W	W
October 2021	W	W	-	W	W
November 2020	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2021	-	11.8	-	W	W
October 2021	-	11.1	-	W	W
November 2020	W	W	-	W	W
<b>Florida</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	W	W	-	W	W
<b>Georgia</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	W	W	-	8,238.7	-
<b>North Carolina</b>					
November 2021	-	W	-	W	W
October 2021	-	-	-	10,331.9	-
November 2020	W	W	-	8,666.6	-
<b>South Carolina</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	4,400.0	-
November 2020	W	W	-	4,153.1	-
<b>Virginia</b>					
November 2021	-	-	-	3,079.2	-
October 2021	-	-	-	2,869.0	-
November 2020	-	-	-	2,775.9	-
<b>West Virginia</b>					
November 2021	-	-	-	674.2	-
October 2021	-	-	-	W	W
November 2020	W	W	-	849.0	-
<b>PAD District 2</b>					
November 2021	W	W	-	76,816.4	514.9
October 2021	W	W	-	76,102.2	447.8
November 2020	W	W	W	W	W
<b>Illinois</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	W	W	-	3,468.1	-
<b>Indiana</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	W	W	-	4,811.0	-
<b>Iowa</b>					
November 2021	-	-	-	3,329.3	-
October 2021	-	-	-	3,295.9	-
November 2020	-	W	-	3,151.5	-
<b>Kansas</b>					
November 2021	W	W	-	4,303.2	93.8
October 2021	W	W	-	W	W
November 2020	W	W	-	W	W
<b>Kentucky</b>					
November 2021	-	W	-	3,929.1	-
October 2021	-	W	-	4,010.7	-
November 2020	W	W	-	2,809.9	-
<b>Michigan</b>					
November 2021	-	W	-	11,720.2	-
October 2021	-	W	-	11,834.2	-
November 2020	W	W	-	9,055.4	-
<b>Minnesota</b>					
November 2021	W	W	-	W	W
October 2021	W	W	-	W	W
November 2020	W	W	W	4,474.5	W
<b>Missouri</b>					
November 2021	-	W	-	3,117.2	-
October 2021	-	W	-	3,119.3	-
November 2020	-	W	-	2,816.3	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2021	-	-	-	3,987.5	-
October 2021	-	-	-	3,828.9	-
November 2020	-	-	-	3,445.9	-
<b>Florida</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Georgia</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>North Carolina</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>South Carolina</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Virginia</b>					
November 2021	-	-	-	3,987.5	-
October 2021	-	-	-	3,828.9	-
November 2020	-	-	-	3,445.9	-
<b>West Virginia</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>PAD District 2</b>					
November 2021	-	W	-	12,567.0	-
October 2021	-	W	-	12,313.3	-
November 2020	W	W	-	W	W
<b>Illinois</b>					
November 2021	-	W	-	7,795.7	-
October 2021	-	W	-	7,629.5	-
November 2020	W	W	-	W	W
<b>Indiana</b>					
November 2021	-	W	-	1,562.5	-
October 2021	-	W	-	1,526.6	-
November 2020	W	W	-	875.9	-
<b>Iowa</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Kansas</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Kentucky</b>					
November 2021	-	W	-	826.9	-
October 2021	-	W	-	793.9	-
November 2020	W	W	-	690.7	-
<b>Michigan</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Minnesota</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Missouri</b>					
November 2021	-	-	-	466.5	-
October 2021	-	-	-	477.8	-
November 2020	-	-	-	431.2	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2021	-	11.8	-	W	W
October 2021	-	11.1	-	W	W
November 2020	W	W	-	W	W
<b>Florida</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	W	W	-	W	W
<b>Georgia</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	W	W	-	8,238.7	-
<b>North Carolina</b>					
November 2021	-	W	-	W	W
October 2021	-	-	-	10,331.9	-
November 2020	W	W	-	8,666.6	-
<b>South Carolina</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	4,400.0	-
November 2020	W	W	-	4,153.1	-
<b>Virginia</b>					
November 2021	-	-	-	7,066.7	-
October 2021	-	-	-	6,697.9	-
November 2020	-	-	-	6,221.8	-
<b>West Virginia</b>					
November 2021	-	-	-	674.2	-
October 2021	-	-	-	W	W
November 2020	W	W	-	849.0	-
<b>PAD District 2</b>					
November 2021	W	164.3	-	89,383.4	514.9
October 2021	W	126.6	-	88,415.5	447.8
November 2020	W	W	W	74,946.1	W
<b>Illinois</b>					
November 2021	-	W	-	W	W
October 2021	-	0.9	-	W	W
November 2020	W	W	-	W	W
<b>Indiana</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	W	W	-	5,687.0	-
<b>Iowa</b>					
November 2021	-	-	-	3,329.3	-
October 2021	-	-	-	3,295.9	-
November 2020	-	W	-	3,151.5	-
<b>Kansas</b>					
November 2021	W	W	-	4,303.2	93.8
October 2021	W	W	-	W	W
November 2020	W	W	-	W	W
<b>Kentucky</b>					
November 2021	-	W	-	4,756.0	-
October 2021	-	W	-	4,804.6	-
November 2020	W	W	-	3,500.6	-
<b>Michigan</b>					
November 2021	-	W	-	11,720.2	-
October 2021	-	W	-	11,834.2	-
November 2020	W	W	-	9,055.4	-
<b>Minnesota</b>					
November 2021	W	W	-	W	W
October 2021	W	W	-	W	W
November 2020	W	W	W	4,474.5	W
<b>Missouri</b>					
November 2021	-	W	-	3,583.7	-
October 2021	-	W	-	3,597.1	-
November 2020	-	W	-	3,247.6	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2021	W	W	-	1,739.3	-
October 2021	W	W	-	1,702.8	-
November 2020	W	W	-	1,479.0	-
<b>North Dakota</b>					
November 2021	W	W	-	909.6	-
October 2021	W	W	-	865.1	-
November 2020	W	W	-	796.7	-
<b>Ohio</b>					
November 2021	W	23.9	-	12,423.5	-
October 2021	W	19.5	-	11,888.3	-
November 2020	W	W	-	9,791.3	-
<b>Oklahoma</b>					
November 2021	W	W	-	4,419.5	319.9
October 2021	W	W	-	4,477.6	237.1
November 2020	W	W	-	4,238.0	408.1
<b>South Dakota</b>					
November 2021	W	W	-	1,177.1	-
October 2021	W	W	-	1,190.5	-
November 2020	W	W	-	902.6	-
<b>Tennessee</b>					
November 2021	-	W	-	10,056.9	-
October 2021	-	W	-	9,682.7	-
November 2020	W	W	-	9,077.9	-
<b>Wisconsin</b>					
November 2021	-	NA	-	4,080.6	-
October 2021	-	W	-	4,105.3	-
November 2020	W	W	-	3,796.6	-
<b>PAD District 3</b>					
November 2021	W	W	582.1	W	W
October 2021	W	W	630.1	W	W
November 2020	W	W	77.0	W	W
<b>Alabama</b>					
November 2021	-	W	-	5,218.8	-
October 2021	-	W	-	W	W
November 2020	W	W	-	5,055.0	-
<b>Arkansas</b>					
November 2021	-	-	-	3,386.4	-
October 2021	-	W	-	3,390.3	-
November 2020	-	-	-	3,191.5	-
<b>Louisiana</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	-	W	-	W	W
<b>Mississippi</b>					
November 2021	-	-	W	W	-
October 2021	-	-	W	W	-
November 2020	-	-	-	W	W
<b>New Mexico</b>					
November 2021	W	W	W	W	-
October 2021	W	W	W	W	-
November 2020	357.3	361.1	W	W	-
<b>Texas</b>					
November 2021	W	W	W	W	W
October 2021	W	W	W	W	838.9
November 2020	W	W	W	17,976.5	1,784.5

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>North Dakota</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Ohio</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Oklahoma</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>South Dakota</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Tennessee</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Wisconsin</b>					
November 2021	-	-	-	1,915.3	-
October 2021	-	-	-	1,885.5	-
November 2020	W	W	-	1,506.7	-
<b>PAD District 3</b>					
November 2021	-	-	-	W	W
October 2021	-	-	-	W	W
November 2020	W	W	-	W	W
<b>Alabama</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Arkansas</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Louisiana</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	W	-
<b>Mississippi</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>New Mexico</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Texas</b>					
November 2021	-	-	-	W	W
October 2021	-	-	-	W	W
November 2020	W	W	-	14,787.9	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2021	W	W	-	1,739.3	-
October 2021	W	W	-	1,702.8	-
November 2020	W	W	-	1,479.0	-
<b>North Dakota</b>					
November 2021	W	W	-	909.6	-
October 2021	W	W	-	865.1	-
November 2020	W	W	-	796.7	-
<b>Ohio</b>					
November 2021	W	23.9	-	12,423.5	-
October 2021	W	19.5	-	11,888.3	-
November 2020	W	W	-	9,791.3	-
<b>Oklahoma</b>					
November 2021	W	W	-	4,419.5	319.9
October 2021	W	W	-	4,477.6	237.1
November 2020	W	W	-	4,238.0	408.1
<b>South Dakota</b>					
November 2021	W	W	-	1,177.1	-
October 2021	W	W	-	1,190.5	-
November 2020	W	W	-	902.6	-
<b>Tennessee</b>					
November 2021	-	W	-	10,056.9	-
October 2021	-	W	-	9,682.7	-
November 2020	W	W	-	9,077.9	-
<b>Wisconsin</b>					
November 2021	-	NA	-	5,995.9	-
October 2021	-	W	-	5,990.8	-
November 2020	W	W	-	5,303.3	-
<b>PAD District 3</b>					
November 2021	W	W	582.1	54,840.0	5,057.8
October 2021	W	W	630.1	55,053.4	3,306.4
November 2020	808.1	823.4	77.0	50,906.4	5,529.0
<b>Alabama</b>					
November 2021	-	W	-	5,218.8	-
October 2021	-	W	-	W	W
November 2020	W	W	-	5,055.0	-
<b>Arkansas</b>					
November 2021	-	-	-	3,386.4	-
October 2021	-	W	-	3,390.3	-
November 2020	-	-	-	3,191.5	-
<b>Louisiana</b>					
November 2021	-	W	-	W	W
October 2021	-	W	-	W	W
November 2020	-	W	-	W	W
<b>Mississippi</b>					
November 2021	-	-	W	W	-
October 2021	-	-	W	W	-
November 2020	-	-	-	W	W
<b>New Mexico</b>					
November 2021	W	W	W	W	-
October 2021	W	W	W	W	-
November 2020	357.3	361.1	W	W	-
<b>Texas</b>					
November 2021	W	W	W	35,639.2	W
October 2021	W	W	W	35,970.2	W
November 2020	W	W	W	32,764.3	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2021	W	286.1	W	W	-
October 2021	W	299.2	W	W	-
November 2020	W	W	W	W	-
<b>Colorado</b>					
November 2021	W	W	-	5,289.5	-
October 2021	W	W	-	5,505.2	-
November 2020	187.8	191.8	W	W	-
<b>Idaho</b>					
November 2021	W	W	-	1,558.5	-
October 2021	W	W	-	1,678.1	-
November 2020	W	W	-	1,520.8	-
<b>Montana</b>					
November 2021	W	W	-	1,462.8	-
October 2021	W	W	-	1,542.2	-
November 2020	W	W	-	1,294.9	-
<b>Utah</b>					
November 2021	-	W	W	W	-
October 2021	-	W	W	W	-
November 2020	W	60.3	W	W	-
<b>Wyoming</b>					
November 2021	W	5.2	W	W	-
October 2021	W	W	W	W	-
November 2020	W	8.5	-	669.9	-
<b>PAD District 5</b>					
November 2021	W	W	W	W	210.1
October 2021	W	W	W	W	115.7
November 2020	925.7	954.1	W	W	W
<b>Alaska</b>					
November 2021	W	W	139.0	W	-
October 2021	W	W	141.4	W	-
November 2020	W	W	W	407.2	-
<b>Arizona</b>					
November 2021	-	W	W	1,802.5	-
October 2021	-	W	W	1,891.8	-
November 2020	W	W	W	1,788.4	-
<b>California</b>					
November 2021	-	-	-	W	W
October 2021	-	-	-	W	W
November 2020	-	-	-	W	W
<b>Hawaii</b>					
November 2021	W	W	W	W	W
October 2021	W	W	W	W	W
November 2020	W	W	W	W	W
<b>Nevada</b>					
November 2021	-	W	W	W	-
October 2021	-	W	W	1,665.7	W
November 2020	W	23.3	W	W	-
<b>Oregon</b>					
November 2021	W	W	W	3,221.9	W
October 2021	W	W	W	3,353.0	W
November 2020	78.5	78.5	649.0	3,012.9	-
<b>Washington</b>					
November 2021	242.4	246.0	W	5,636.5	W
October 2021	NA	NA	W	5,708.6	W
November 2020	304.9	308.8	W	4,797.8	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Colorado</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Idaho</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Montana</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Utah</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Wyoming</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>PAD District 5</b>					
November 2021	W	W	W	W	-
October 2021	W	W	W	W	-
November 2020	3,456.4	3,457.9	W	W	-
<b>Alaska</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Arizona</b>					
November 2021	-	-	W	W	-
October 2021	-	-	W	W	-
November 2020	-	W	W	2,687.2	-
<b>California</b>					
November 2021	W	W	W	W	-
October 2021	W	W	W	W	-
November 2020	3,456.4	W	W	W	-
<b>Hawaii</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Nevada</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Oregon</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-
<b>Washington</b>					
November 2021	-	-	-	-	-
October 2021	-	-	-	-	-
November 2020	-	-	-	-	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2021	W	286.1	W	W	-
October 2021	W	299.2	W	W	-
November 2020	W	W	W	W	-
<b>Colorado</b>					
November 2021	W	W	-	5,289.5	-
October 2021	W	W	-	5,505.2	-
November 2020	187.8	191.8	W	W	-
<b>Idaho</b>					
November 2021	W	W	-	1,558.5	-
October 2021	W	W	-	1,678.1	-
November 2020	W	W	-	1,520.8	-
<b>Montana</b>					
November 2021	W	W	-	1,462.8	-
October 2021	W	W	-	1,542.2	-
November 2020	W	W	-	1,294.9	-
<b>Utah</b>					
November 2021	-	W	W	W	-
October 2021	-	W	W	W	-
November 2020	W	60.3	W	W	-
<b>Wyoming</b>					
November 2021	W	5.2	W	W	-
October 2021	W	W	W	W	-
November 2020	W	8.5	-	669.9	-
<b>PAD District 5</b>					
November 2021	2,087.5	2,103.1	18,289.9	31,309.4	210.1
October 2021	2,148.0	2,164.9	18,505.2	31,889.3	115.7
November 2020	4,382.1	4,412.0	15,594.6	W	W
<b>Alaska</b>					
November 2021	W	W	139.0	W	-
October 2021	W	W	141.4	W	-
November 2020	W	W	W	407.2	-
<b>Arizona</b>					
November 2021	-	W	W	W	-
October 2021	-	W	W	W	-
November 2020	W	W	794.3	4,475.5	-
<b>California</b>					
November 2021	W	W	W	15,691.4	W
October 2021	W	W	W	15,853.3	W
November 2020	3,456.4	3,457.0	W	14,963.5	W
<b>Hawaii</b>					
November 2021	W	W	W	W	W
October 2021	W	W	W	W	W
November 2020	W	W	W	W	W
<b>Nevada</b>					
November 2021	-	W	W	W	-
October 2021	-	W	W	1,665.7	W
November 2020	W	23.3	W	W	-
<b>Oregon</b>					
November 2021	W	W	W	3,221.9	W
October 2021	W	W	W	3,353.0	W
November 2020	78.5	78.5	649.0	3,012.9	-
<b>Washington</b>					
November 2021	242.4	246.0	W	5,636.5	W
October 2021	NA	NA	W	5,708.6	W
November 2020	304.9	308.8	W	4,797.8	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>										
November 2021	3.3	426.6	30,396.5	27,769.3	0.6	1,055.9	146.1	2,039.9	3,190.5	28,133.6
October 2021	4.1	425.6	29,225.2	28,173.4	0.6	1,369.8	106.8	1,029.2	4,434.2	25,460.0
November 2020	3.9	344.9	22,064.9	20,873.2	W	903.7	157.8	1,660.5	3,674.9	25,339.5
<b>PAD District 1</b>										
November 2021	0.9	123.5	4,221.3	6,253.5	W	323.1	-	W	-	4,714.6
October 2021	1.2	132.5	3,848.4	7,061.8	W	698.8	-	W	-	3,276.7
November 2020	1.5	97.4	2,690.7	2,937.9	W	361.6	-	12.0	-	4,555.9
<b>Subdistrict 1A</b>										
November 2021	W	W	351.8	427.0	-	-	-	-	-	433.6
October 2021	W	W	355.0	648.8	-	-	-	-	-	254.6
November 2020	W	W	103.8	W	W	-	-	-	-	586.0
<b>Connecticut</b>										
November 2021	-	-	W	87.6	-	-	-	-	-	W
October 2021	-	-	W	226.1	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
<b>Maine</b>										
November 2021	-	W	W	W	-	-	-	-	-	W
October 2021	-	W	W	W	-	-	-	-	-	W
November 2020	-	W	W	W	-	-	-	-	-	W
<b>Massachusetts</b>										
November 2021	W	-	W	W	-	-	-	-	-	W
October 2021	W	-	W	W	-	-	-	-	-	W
November 2020	W	-	W	W	W	-	-	-	-	W
<b>New Hampshire</b>										
November 2021	-	-	W	-	-	-	-	-	-	W
October 2021	-	-	W	W	-	-	-	-	-	NA
November 2020	-	-	W	-	W	-	-	-	-	W
<b>Rhode Island</b>										
November 2021	-	-	W	NA	-	-	-	-	-	W
October 2021	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	W	-	-	-	-	W
<b>Vermont</b>										
November 2021	-	-	W	W	-	-	-	-	-	W
October 2021	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
<b>Subdistrict 1B</b>										
November 2021	W	W	1,824.9	3,606.2	W	255.3	-	W	-	1,810.3
October 2021	W	W	1,657.5	3,976.4	W	617.9	-	W	-	1,283.1
November 2020	-	W	1,141.3	1,541.8	W	318.9	-	12.0	-	1,875.5
<b>Delaware</b>										
November 2021	-	-	-	-	-	-	-	-	-	W
October 2021	-	-	-	-	-	W	-	-	-	W
November 2020	-	-	-	-	W	-	-	-	-	W
<b>District of Columbia</b>										
November 2021	-	-	-	-	-	-	-	-	-	-
October 2021	-	-	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2021	-	-	W	54.0	-	W	-	-	-	W
October 2021	-	-	W	60.4	-	W	-	-	-	W
November 2020	-	-	W	34.0	-	W	-	-	-	W
<b>New Jersey</b>										
November 2021	-	-	596.0	2,300.2	-	W	-	W	-	282.8
October 2021	-	W	549.1	2,529.1	-	W	-	-	-	225.5
November 2020	-	-	296.1	1,310.3	W	W	-	-	-	264.1
<b>New York</b>										
November 2021	-	W	961.7	87.4	W	27.6	-	W	-	523.6
October 2021	-	W	904.8	144.6	W	15.1	-	W	-	306.3
November 2020	-	W	669.2	42.7	W	W	-	W	-	500.5
<b>Pennsylvania</b>										
November 2021	W	W	W	1,164.5	W	4.7	-	W	-	891.8
October 2021	W	W	W	1,242.3	W	W	-	W	-	666.9
November 2020	-	W	W	154.8	2.2	W	-	W	-	961.7

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>										
November 2021	W	84.6	2,044.6	2,220.4	-	67.8	-	-	-	2,470.7
October 2021	W	87.0	1,835.8	2,436.7	-	80.9	-	W	-	1,739.0
November 2020	W	63.1	1,445.6	W	W	42.7	-	-	-	2,094.4
<b>Florida</b>										
November 2021	W	54.4	W	1,899.6	-	-	-	-	-	370.5
October 2021	W	W	W	2,056.8	-	-	-	-	-	296.8
November 2020	W	W	1,103.7	875.2	W	-	-	-	-	520.4
<b>Georgia</b>										
November 2021	-	W	W	69.9	-	W	-	-	-	511.1
October 2021	-	W	W	85.4	-	W	-	W	-	358.5
November 2020	W	W	W	45.6	-	W	-	-	-	380.3
<b>North Carolina</b>										
November 2021	-	W	W	NA	-	61.5	-	-	-	727.9
October 2021	-	W	W	127.3	-	39.4	-	-	-	530.6
November 2020	-	W	W	66.7	W	38.5	-	-	-	588.1
<b>South Carolina</b>										
November 2021	-	-	W	87.0	-	W	-	-	-	586.3
October 2021	-	-	W	87.1	-	W	-	-	-	378.2
November 2020	-	-	W	53.0	W	W	-	-	-	389.7
<b>Virginia</b>										
November 2021	-	W	200.1	NA	-	W	-	-	-	W
October 2021	-	W	203.5	W	-	W	-	-	-	45.5
November 2020	-	W	164.9	60.7	-	W	-	-	-	W
<b>West Virginia</b>										
November 2021	-	-	-	NA	-	-	-	-	-	W
October 2021	-	-	-	W	-	-	-	-	-	129.5
November 2020	-	-	-	W	W	-	-	-	-	W
<b>PAD District 2</b>										
November 2021	W	85.4	6,447.8	4,361.7	W	W	9.1	1,312.0	W	10,368.4
October 2021	W	90.9	6,363.1	4,282.6	W	W	W	492.6	W	10,380.9
November 2020	W	W	5,736.2	2,770.7	W	60.9	18.7	1,157.5	W	10,052.0
<b>Illinois</b>										
November 2021	-	W	1,758.8	W	-	W	W	64.9	W	1,975.3
October 2021	-	W	1,814.1	W	-	W	W	12.5	-	1,820.7
November 2020	W	W	1,384.1	W	W	W	W	42.3	W	1,784.3
<b>Indiana</b>										
November 2021	-	-	745.9	239.0	-	15.8	-	W	W	433.6
October 2021	-	-	689.7	193.2	-	5.6	-	W	-	449.7
November 2020	-	-	561.7	99.7	W	11.9	-	W	W	487.0
<b>Iowa</b>										
November 2021	-	-	W	W	-	-	-	152.1	W	W
October 2021	-	-	W	W	-	-	-	48.8	W	W
November 2020	-	-	22.6	W	-	-	-	116.1	W	W
<b>Kansas</b>										
November 2021	W	W	W	W	-	W	-	137.7	-	2,261.3
October 2021	W	W	W	W	-	W	-	55.9	-	2,894.5
November 2020	W	W	W	W	-	W	W	116.3	-	2,854.5
<b>Kentucky</b>										
November 2021	W	W	W	471.9	-	W	W	W	-	505.4
October 2021	W	W	W	424.5	-	W	-	W	-	454.2
November 2020	W	W	W	251.0	W	W	W	W	-	457.5
<b>Michigan</b>										
November 2021	-	-	W	492.8	-	W	NA	19.8	-	871.2
October 2021	-	-	216.4	485.1	-	W	W	6.8	-	557.8
November 2020	-	-	W	352.3	W	W	W	14.5	-	727.4
<b>Minnesota</b>										
November 2021	W	W	W	621.1	W	W	W	278.4	W	478.1
October 2021	W	W	W	706.0	W	W	W	83.7	W	472.3
November 2020	W	W	W	539.5	W	W	W	307.5	W	639.2
<b>Missouri</b>										
November 2021	W	-	W	W	-	-	W	15.4	W	343.1
October 2021	W	W	W	W	-	W	W	1.2	-	279.9
November 2020	W	-	W	W	-	-	W	17.5	W	262.3

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2021	W	-	W	W	-	-	W	87.3	W	W
October 2021	W	-	W	W	-	-	-	45.9	W	W
November 2020	W	-	W	W	-	-	W	89.5	W	127.9
<b>North Dakota</b>										
November 2021	-	-	W	W	W	-	W	244.7	W	604.8
October 2021	-	-	W	W	W	W	W	106.2	W	616.8
November 2020	-	-	W	W	W	W	W	188.3	W	562.3
<b>Ohio</b>										
November 2021	W	W	401.1	345.3	-	W	-	W	-	1,253.4
October 2021	-	W	404.0	408.8	-	W	-	W	-	1,290.4
November 2020	W	-	349.9	187.3	W	W	-	W	-	756.0
<b>Oklahoma</b>										
November 2021	W	-	W	526.8	-	W	-	W	W	298.8
October 2021	W	-	W	426.7	-	W	-	58.1	W	276.4
November 2020	W	-	W	W	-	W	-	W	W	279.1
<b>South Dakota</b>										
November 2021	-	-	W	-	-	-	W	87.6	W	W
October 2021	-	-	W	-	-	-	W	34.5	W	W
November 2020	-	-	W	-	-	-	W	96.2	W	W
<b>Tennessee</b>										
November 2021	W	W	W	169.6	-	W	-	W	-	207.6
October 2021	W	W	W	169.3	-	W	-	W	-	172.9
November 2020	-	W	W	133.4	W	W	-	W	-	195.4
<b>Wisconsin</b>										
November 2021	-	-	58.6	W	-	W	-	117.9	-	634.9
October 2021	-	-	53.8	W	-	W	W	W	NA	470.4
November 2020	-	-	W	W	W	W	W	85.5	W	609.3
<b>PAD District 3</b>										
November 2021	W	126.0	9,055.3	8,921.7	-	638.4	-	W	3,024.2	10,444.9
October 2021	W	129.5	8,103.1	8,416.8	-	620.1	-	W	4,263.4	9,228.0
November 2020	W	107.9	4,906.8	8,932.8	-	W	-	-	3,484.1	8,094.6
<b>Alabama</b>										
November 2021	-	W	95.4	104.6	-	W	-	-	-	278.1
October 2021	-	W	65.9	94.3	-	W	-	-	-	248.3
November 2020	-	W	49.9	65.9	-	W	-	-	-	223.3
<b>Arkansas</b>										
November 2021	-	W	W	W	-	-	-	-	-	W
October 2021	W	W	W	16.3	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
<b>Louisiana</b>										
November 2021	W	W	1,597.4	1,530.5	-	W	-	W	W	594.9
October 2021	W	W	1,484.9	1,704.7	-	W	-	W	W	435.8
November 2020	W	W	585.6	1,688.4	-	W	-	-	786.0	157.8
<b>Mississippi</b>										
November 2021	-	W	882.8	W	-	W	-	-	-	385.0
October 2021	-	W	W	229.9	-	W	-	-	-	349.7
November 2020	-	W	W	61.8	-	W	-	-	-	505.2
<b>New Mexico</b>										
November 2021	W	-	W	83.2	-	-	-	-	-	W
October 2021	W	-	W	83.2	-	-	-	-	-	W
November 2020	W	-	W	W	-	-	-	-	-	W
<b>Texas</b>										
November 2021	W	114.8	6,422.2	6,946.3	-	W	-	W	W	9,063.4
October 2021	W	W	5,855.8	6,288.5	-	W	-	-	W	8,089.2
November 2020	W	98.4	4,012.7	7,035.3	-	W	-	-	2,698.1	7,062.2

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>										
November 2021	W	W	842.6	1,107.3	-	-	W	156.3	W	975.9
October 2021	W	W	994.2	1,209.4	-	-	W	129.3	W	969.8
November 2020	W	W	639.2	658.1	-	-	W	189.9	W	1,069.9
<b>Colorado</b>										
November 2021	W	-	294.9	745.9	-	-	W	38.8	-	330.5
October 2021	W	-	340.9	815.0	-	-	W	34.0	-	352.7
November 2020	W	-	W	349.0	-	-	W	43.8	W	391.2
<b>Idaho</b>										
November 2021	-	-	W	16.5	-	-	W	7.6	W	W
October 2021	-	-	W	16.1	-	-	W	7.4	W	W
November 2020	-	-	W	19.4	-	-	W	9.4	W	W
<b>Montana</b>										
November 2021	-	W	W	W	-	-	W	56.4	W	123.4
October 2021	W	W	W	W	-	-	W	37.5	W	130.2
November 2020	-	W	W	W	-	-	W	74.1	W	163.9
<b>Utah</b>										
November 2021	-	W	404.0	247.5	-	-	-	17.9	-	W
October 2021	-	W	473.5	266.7	-	-	W	23.5	-	W
November 2020	-	W	392.6	W	-	-	W	15.1	-	W
<b>Wyoming</b>										
November 2021	-	-	49.9	W	-	-	W	35.6	-	392.3
October 2021	-	-	W	W	-	-	W	26.8	-	400.0
November 2020	W	-	47.4	W	-	-	-	47.5	-	417.5
<b>PAD District 5</b>										
November 2021	W	W	9,829.4	7,125.2	W	W	W	359.7	W	1,629.7
October 2021	W	W	9,916.4	7,202.7	NA	W	W	402.5	W	1,604.6
November 2020	W	66.4	8,092.0	5,573.8	W	W	W	301.1	W	1,567.1
<b>Alaska</b>										
November 2021	-	-	W	W	-	-	W	W	W	W
October 2021	-	W	W	W	-	-	W	W	W	W
November 2020	W	-	W	W	-	-	W	W	W	W
<b>Arizona</b>										
November 2021	W	W	117.5	276.1	-	-	-	-	-	121.0
October 2021	W	W	131.5	255.3	-	-	-	-	-	103.7
November 2020	W	W	W	143.6	-	-	-	-	-	155.0
<b>California</b>										
November 2021	W	43.7	5,589.6	5,064.1	-	W	-	-	-	1,085.1
October 2021	W	27.8	5,488.0	5,330.5	-	W	-	-	-	1,056.1
November 2020	W	30.0	4,189.3	4,399.1	W	W	-	-	-	988.0
<b>Hawaii</b>										
November 2021	-	-	W	W	-	-	-	-	-	W
October 2021	-	-	W	W	-	-	-	-	-	W
November 2020	-	-	W	W	-	-	-	-	-	W
<b>Nevada</b>										
November 2021	-	-	W	214.6	-	-	-	-	-	W
October 2021	-	-	W	246.4	-	-	-	-	-	-
November 2020	-	-	W	W	-	-	-	-	-	W
<b>Oregon</b>										
November 2021	-	W	288.8	W	-	-	-	W	W	W
October 2021	-	W	292.8	W	-	-	-	W	W	W
November 2020	-	W	201.8	W	-	-	-	W	W	21.1
<b>Washington</b>										
November 2021	-	W	1,610.6	616.6	W	-	W	W	W	364.1
October 2021	-	W	1,842.4	356.3	NA	-	W	W	W	400.3
November 2020	-	W	1,206.8	325.8	NA	-	W	W	W	359.0

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
November 2021	W	148,582.5	-	-	W	1,046.9
October 2021	W	151,982.5	-	-	W	936.1
November 2020	9,182.4	142,756.1	W	-	W	928.6
<b>PAD District 1</b>						
November 2021	889.7	W	-	-	-	W
October 2021	W	W	-	-	W	W
November 2020	1,286.0	28,949.1	-	-	-	W
<b>Subdistrict 1A</b>						
November 2021	W	1,668.4	-	-	-	-
October 2021	W	1,450.4	-	-	-	-
November 2020	W	W	-	-	-	-
<b>Connecticut</b>						
November 2021	W	W	-	-	-	-
October 2021	W	679.5	-	-	-	-
November 2020	-	W	-	-	-	-
<b>Maine</b>						
November 2021	-	W	-	-	-	-
October 2021	-	W	-	-	-	-
November 2020	-	W	-	-	-	-
<b>Massachusetts</b>						
November 2021	-	278.9	-	-	-	-
October 2021	-	269.4	-	-	-	-
November 2020	W	W	-	-	-	-
<b>New Hampshire</b>						
November 2021	-	W	-	-	-	-
October 2021	-	W	-	-	-	-
November 2020	W	W	-	-	-	-
<b>Rhode Island</b>						
November 2021	-	W	-	-	-	-
October 2021	-	W	-	-	-	-
November 2020	W	W	-	-	-	-
<b>Vermont</b>						
November 2021	-	W	-	-	-	-
October 2021	-	W	-	-	-	-
November 2020	-	W	-	-	-	-
<b>Subdistrict 1B</b>						
November 2021	W	W	-	-	-	W
October 2021	W	W	-	-	W	W
November 2020	W	W	-	-	-	W
<b>Delaware</b>						
November 2021	W	W	-	-	-	-
October 2021	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
<b>District of Columbia</b>						
November 2021	-	W	-	-	-	-
October 2021	-	W	-	-	-	-
November 2020	-	W	-	-	-	-
<b>Maryland</b>						
November 2021	-	1,226.5	-	-	-	-
October 2021	-	1,165.7	-	-	-	-
November 2020	W	1,139.6	-	-	-	-
<b>New Jersey</b>						
November 2021	W	W	-	-	-	W
October 2021	W	W	-	-	-	W
November 2020	88.5	W	-	-	-	W
<b>New York</b>						
November 2021	65.1	W	-	-	-	W
October 2021	W	W	-	-	W	W
November 2020	147.2	W	-	-	-	W
<b>Pennsylvania</b>						
November 2021	237.3	4,486.6	-	-	-	-
October 2021	229.7	3,894.1	-	-	-	-
November 2020	269.2	4,204.2	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
November 2021	W	15,845.6	-	-	-	-
October 2021	W	15,589.7	-	-	-	-
November 2020	W	14,951.4	-	-	-	-
<b>Florida</b>						
November 2021		147.2		5,126.3	-	-
October 2021		153.2		5,341.1	-	-
November 2020		242.4		4,677.2	-	-
<b>Georgia</b>						
November 2021		107.8		2,827.5	-	-
October 2021		117.2		2,677.4	-	-
November 2020		49.4		2,705.7	-	-
<b>North Carolina</b>						
November 2021		99.3	W	-	-	-
October 2021		85.8	W	-	-	-
November 2020		217.6	W	-	-	-
<b>South Carolina</b>						
November 2021	W		W	-	-	-
October 2021	W		1,527.0	-	-	-
November 2020	W		1,401.0	-	-	-
<b>Virginia</b>						
November 2021		5.4	W	-	-	-
October 2021		5.6	W	-	-	-
November 2020		6.7	W	-	-	-
<b>West Virginia</b>						
November 2021	W		W	-	-	-
October 2021	W		W	-	-	-
November 2020		191.1	W	-	-	-
<b>PAD District 2</b>						
November 2021	W		W	-	-	-
October 2021	W		W	-	-	-
November 2020	W		44,776.9	-	-	-
<b>Illinois</b>						
November 2021		87.9		6,520.9	-	-
October 2021		87.1		6,441.1	-	-
November 2020		114.1		7,095.5	-	-
<b>Indiana</b>						
November 2021	W		4,077.0	-	-	-
October 2021	W		3,821.7	-	-	-
November 2020		186.5	3,622.7	-	-	-
<b>Iowa</b>						
November 2021		37.1		2,336.6	-	-
October 2021		34.5		2,445.0	-	-
November 2020	W		2,169.5	-	-	-
<b>Kansas</b>						
November 2021		781.3		3,440.9	-	-
October 2021		690.3		3,833.3	-	-
November 2020		486.3		3,181.1	-	-
<b>Kentucky</b>						
November 2021	W		2,064.3	-	-	-
October 2021	W		2,135.9	-	-	-
November 2020		336.0	1,675.1	-	-	-
<b>Michigan</b>						
November 2021	W		W	-	-	-
October 2021	W		W	-	-	-
November 2020		156.9	2,687.4	-	-	-
<b>Minnesota</b>						
November 2021		370.4	W	-	-	-
October 2021		446.6	W	-	-	-
November 2020		267.1	W	-	-	-
<b>Missouri</b>						
November 2021		1.7		1,744.4	-	-
October 2021		1.4		1,716.8	-	-
November 2020		0.6		1,696.5	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
November 2021	304.0	1,505.7	-	-	-	-
October 2021	330.6	1,736.6	-	-	-	-
November 2020	326.2	1,397.9	-	-	-	-
<b>North Dakota</b>						
November 2021	W	1,039.1	-	-	-	-
October 2021	W	1,270.1	-	-	-	-
November 2020	W	871.7	-	-	-	-
<b>Ohio</b>						
November 2021	W	W	-	-	-	-
October 2021	W	W	-	-	-	-
November 2020	380.6	5,248.0	-	-	-	-
<b>Oklahoma</b>						
November 2021	W	6,341.1	-	-	-	-
October 2021	109.3	6,661.4	-	-	-	-
November 2020	132.1	5,621.4	-	-	-	-
<b>South Dakota</b>						
November 2021	W	772.7	-	-	-	-
October 2021	W	881.8	-	-	-	-
November 2020	W	758.4	-	-	-	-
<b>Tennessee</b>						
November 2021	214.2	3,440.8	-	-	-	-
October 2021	188.4	3,451.1	-	-	-	-
November 2020	177.2	W	-	-	-	-
<b>Wisconsin</b>						
November 2021	W	2,536.0	-	-	-	-
October 2021	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
<b>PAD District 3</b>						
November 2021	1,620.8	W	-	-	-	W
October 2021	1,716.6	49,320.5	-	-	-	179.5
November 2020	1,732.0	44,400.4	-	-	-	303.8
<b>Alabama</b>						
November 2021	143.8	1,927.6	-	-	-	-
October 2021	166.0	1,816.8	-	-	-	-
November 2020	147.0	W	-	-	-	-
<b>Arkansas</b>						
November 2021	W	1,729.8	-	-	-	-
October 2021	W	1,904.7	-	-	-	-
November 2020	W	1,663.8	-	-	-	-
<b>Louisiana</b>						
November 2021	W	9,679.6	-	-	-	W
October 2021	W	9,674.2	-	-	-	W
November 2020	96.4	W	-	-	-	W
<b>Mississippi</b>						
November 2021	17.7	W	-	-	-	-
October 2021	6.1	2,966.5	-	-	-	-
November 2020	22.9	1,851.0	-	-	-	-
<b>New Mexico</b>						
November 2021	33.8	1,116.1	-	-	-	-
October 2021	31.6	1,324.5	-	-	-	-
November 2020	100.6	1,381.7	-	-	-	-
<b>Texas</b>						
November 2021	1,229.5	W	-	-	-	W
October 2021	1,358.3	31,633.8	-	-	-	W
November 2020	W	W	-	-	-	W

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
November 2021	W	6,600.2	-	-	-	-
October 2021	W	7,045.1	-	-	-	-
November 2020	W	5,631.4	-	-	-	-
<b>Colorado</b>						
November 2021	207.4	2,128.4	-	-	-	-
October 2021	205.7	2,177.7	-	-	-	-
November 2020	197.3	1,648.7	-	-	-	-
<b>Idaho</b>						
November 2021	W	791.5	-	-	-	-
October 2021	W	925.1	-	-	-	-
November 2020	W	798.8	-	-	-	-
<b>Montana</b>						
November 2021	199.6	1,101.4	-	-	-	-
October 2021	186.6	1,184.5	-	-	-	-
November 2020	256.3	994.7	-	-	-	-
<b>Utah</b>						
November 2021	W	1,692.5	-	-	-	-
October 2021	W	1,887.2	-	-	-	-
November 2020	W	1,384.0	-	-	-	-
<b>Wyoming</b>						
November 2021	268.2	886.4	-	-	-	-
October 2021	237.3	870.6	-	-	-	-
November 2020	233.7	805.2	-	-	-	-
<b>PAD District 5</b>						
November 2021	W	18,146.1	-	-	W	W
October 2021	1,418.5	W	-	-	W	W
November 2020	W	18,998.3	W	-	W	W
<b>Alaska</b>						
November 2021	W	W	-	-	-	-
October 2021	W	W	-	-	-	-
November 2020	W	W	-	-	-	-
<b>Arizona</b>						
November 2021	348.5	1,103.7	-	-	-	-
October 2021	327.9	1,268.9	-	-	-	-
November 2020	386.4	1,145.0	-	-	-	-
<b>California</b>						
November 2021	669.0	W	-	-	-	W
October 2021	700.1	W	-	-	-	W
November 2020	1,070.9	W	-	-	-	W
<b>Hawaii</b>						
November 2021	W	W	-	-	W	W
October 2021	W	W	-	-	W	W
November 2020	W	W	W	-	W	W
<b>Nevada</b>						
November 2021	W	571.3	-	-	-	-
October 2021	W	513.6	-	-	-	-
November 2020	W	454.8	-	-	-	-
<b>Oregon</b>						
November 2021	W	2,039.4	-	-	-	-
October 2021	18.1	2,067.3	-	-	-	-
November 2020	22.1	1,896.9	-	-	-	-
<b>Washington</b>						
November 2021	W	W	-	-	-	W
October 2021	W	W	-	-	-	W
November 2020	W	W	-	-	-	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>				
November 2021	96.4	6,365.2	8,360.3	155,994.6
October 2021	95.4	5,400.0	8,022.9	158,318.5
November 2020	97.6	8,373.5	9,527.0	152,058.2
<b>PAD District 1</b>				
November 2021	-	4,927.0	889.7	35,310.8
October 2021	-	3,668.0	825.5	33,262.7
November 2020	-	W	1,286.0	33,365.4
<b>Subdistrict 1A</b>				
November 2021	-	1,317.2	W	2,985.6
October 2021	-	1,160.8	W	2,611.3
November 2020	-	W	W	2,156.0
<b>Connecticut</b>				
November 2021	-	W	W	1,654.2
October 2021	-	391.8	W	1,071.3
November 2020	-	W	-	1,020.8
<b>Maine</b>				
November 2021	-	W	-	201.9
October 2021	-	W	-	172.9
November 2020	-	W	-	128.2
<b>Massachusetts</b>				
November 2021	-	150.8	-	429.7
October 2021	-	94.1	-	363.5
November 2020	-	W	W	412.6
<b>New Hampshire</b>				
November 2021	-	W	-	W
October 2021	-	W	-	W
November 2020	-	W	W	W
<b>Rhode Island</b>				
November 2021	-	W	-	453.2
October 2021	-	W	-	795.4
November 2020	-	W	W	349.8
<b>Vermont</b>				
November 2021	-	W	-	W
October 2021	-	W	-	W
November 2020	-	W	-	W
<b>Subdistrict 1B</b>				
November 2021	-	3,526.9	W	16,396.7
October 2021	-	2,462.9	W	15,017.5
November 2020	-	3,045.5	W	16,206.9
<b>Delaware</b>				
November 2021	-	W	W	W
October 2021	-	W	W	W
November 2020	-	W	W	W
<b>District of Columbia</b>				
November 2021	-	-	-	W
October 2021	-	-	-	W
November 2020	-	-	-	W
<b>Maryland</b>				
November 2021	-	207.7	-	1,434.3
October 2021	-	W	-	1,303.5
November 2020	-	W	W	1,270.6
<b>New Jersey</b>				
November 2021	-	2,238.9	W	8,035.4
October 2021	-	1,806.2	W	7,861.6
November 2020	-	1,952.4	88.5	8,184.3
<b>New York</b>				
November 2021	-	W	65.1	1,240.7
October 2021	-	245.3	72.5	1,445.4
November 2020	-	498.7	147.2	1,703.6
<b>Pennsylvania</b>				
November 2021	-	804.2	237.3	5,290.8
October 2021	-	256.4	229.7	4,150.5
November 2020	-	457.5	269.2	4,661.7

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>				
November 2021	-	82.9	562.3	15,928.5
October 2021	-	44.3	509.2	15,634.0
November 2020	-	51.2	745.5	15,002.6
<b>Florida</b>				
November 2021	-	-	147.2	5,126.3
October 2021	-	-	153.2	5,341.1
November 2020	-	-	242.4	4,677.2
<b>Georgia</b>				
November 2021	-	-	107.8	2,827.5
October 2021	-	-	117.2	2,677.4
November 2020	-	-	49.4	2,705.7
<b>North Carolina</b>				
November 2021	-	W	99.3	3,432.9
October 2021	-	W	85.8	3,289.5
November 2020	-	W	217.6	3,074.4
<b>South Carolina</b>				
November 2021	-	W	W	1,528.5
October 2021	-	-	W	1,527.0
November 2020	-	-	W	1,401.0
<b>Virginia</b>				
November 2021	-	W	5.4	2,464.6
October 2021	-	W	5.6	2,276.5
November 2020	-	W	W	2,493.6
<b>West Virginia</b>				
November 2021	-	W	W	548.7
October 2021	-	W	W	522.5
November 2020	-	W	191.1	650.7
<b>PAD District 2</b>				
November 2021	W	W	3,222.7	46,554.8
October 2021	W	W	2,858.1	48,991.9
November 2020	W	162.0	3,031.7	44,938.9
<b>Illinois</b>				
November 2021	-	-	87.9	6,520.9
October 2021	-	-	87.1	6,441.1
November 2020	-	-	114.1	7,095.5
<b>Indiana</b>				
November 2021	-	-	W	4,077.0
October 2021	-	-	W	3,821.7
November 2020	-	-	186.5	3,622.7
<b>Iowa</b>				
November 2021	-	-	37.1	2,336.6
October 2021	-	-	34.5	2,445.0
November 2020	-	-	W	2,169.5
<b>Kansas</b>				
November 2021	-	-	781.3	3,440.9
October 2021	-	-	690.3	3,833.3
November 2020	-	-	486.3	3,181.1
<b>Kentucky</b>				
November 2021	-	-	W	2,064.3
October 2021	-	-	W	2,135.9
November 2020	-	-	336.0	1,675.1
<b>Michigan</b>				
November 2021	-	W	W	2,956.9
October 2021	-	W	W	2,999.9
November 2020	-	143.8	156.9	2,831.2
<b>Minnesota</b>				
November 2021	-	W	370.4	2,475.4
October 2021	-	W	446.6	3,311.9
November 2020	-	W	267.1	2,503.6
<b>Missouri</b>				
November 2021	-	-	1.7	1,744.4
October 2021	-	-	1.4	1,716.8
November 2020	-	-	0.6	1,696.5

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>				
<b>Nebraska</b>				
November 2021	-	-	304.0	1,505.7
October 2021	-	-	330.6	1,736.6
November 2020	-	-	326.2	1,397.9
<b>North Dakota</b>				
November 2021	-	-	W	1,039.1
October 2021	-	-	W	1,270.1
November 2020	-	-	W	871.7
<b>Ohio</b>				
November 2021	-	W	W	5,302.9
October 2021	-	W	W	5,684.8
November 2020	-	-	380.6	5,248.0
<b>Oklahoma</b>				
November 2021	-	-	W	6,341.1
October 2021	-	-	109.3	6,661.4
November 2020	-	-	132.1	5,621.4
<b>South Dakota</b>				
November 2021	W	-	W	772.7
October 2021	W	-	W	881.8
November 2020	W	-	W	758.4
<b>Tennessee</b>				
November 2021	-	-	214.2	3,440.8
October 2021	-	-	188.4	3,451.1
November 2020	-	W	177.2	3,781.2
<b>Wisconsin</b>				
November 2021	-	-	W	2,536.0
October 2021	W	W	27.2	2,600.6
November 2020	W	W	32.2	2,485.1
<b>PAD District 3</b>				
November 2021	-	1,394.4	1,620.8	48,827.3
October 2021	-	1,709.3	1,716.6	51,209.2
November 2020	-	4,067.5	1,732.0	48,771.7
<b>Alabama</b>				
November 2021	-	-	143.8	1,927.6
October 2021	-	-	166.0	1,816.8
November 2020	-	W	147.0	1,903.0
<b>Arkansas</b>				
November 2021	-	-	W	1,729.8
October 2021	-	-	W	1,904.7
November 2020	-	-	W	1,663.8
<b>Louisiana</b>				
November 2021	-	W	W	10,058.5
October 2021	-	W	W	10,489.2
November 2020	-	W	96.4	9,952.2
<b>Mississippi</b>				
November 2021	-	W	17.7	3,386.3
October 2021	-	-	6.1	2,966.5
November 2020	-	-	W	1,851.0
<b>New Mexico</b>				
November 2021	-	-	33.8	1,116.1
October 2021	-	-	31.6	1,324.5
November 2020	-	-	100.6	1,381.7
<b>Texas</b>				
November 2021	-	1,054.6	1,229.5	30,609.0
October 2021	-	W	1,358.3	32,707.5
November 2020	-	3,796.1	1,323.6	32,020.0

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>				
November 2021	W	-	1,017.6	6,600.2
October 2021	W	-	960.1	7,045.1
November 2020	W	-	1,044.4	5,631.4
<b>Colorado</b>				
November 2021	-	-	207.4	2,128.4
October 2021	-	-	205.7	2,177.7
November 2020	-	-	197.3	1,648.7
<b>Idaho</b>				
November 2021	W	-	W	791.5
October 2021	W	-	W	925.1
November 2020	W	-	37.4	798.8
<b>Montana</b>				
November 2021	-	-	199.6	1,101.4
October 2021	-	-	186.6	1,184.5
November 2020	-	-	256.3	994.7
<b>Utah</b>				
November 2021	W	-	W	1,692.5
October 2021	W	-	W	1,887.2
November 2020	W	-	319.7	1,384.0
<b>Wyoming</b>				
November 2021	-	-	268.2	886.4
October 2021	-	-	237.3	870.6
November 2020	-	-	233.7	805.2
<b>PAD District 5</b>				
November 2021	W	W	1,609.4	18,701.6
October 2021	W	W	1,662.7	17,809.6
November 2020	W	W	2,432.9	19,350.8
<b>Alaska</b>				
November 2021	W	W	W	W
October 2021	W	W	W	W
November 2020	W	W	W	W
<b>Arizona</b>				
November 2021	-	-	348.5	1,103.7
October 2021	-	-	327.9	1,268.9
November 2020	-	-	386.4	1,145.0
<b>California</b>				
November 2021	-	-	669.0	10,559.8
October 2021	-	-	700.1	9,978.8
November 2020	-	-	1,070.9	12,268.9
<b>Hawaii</b>				
November 2021	-	-	W	W
October 2021	-	-	W	W
November 2020	-	-	W	W
<b>Nevada</b>				
November 2021	W	-	W	571.3
October 2021	W	-	W	513.6
November 2020	W	-	W	454.8
<b>Oregon</b>				
November 2021	-	-	W	2,039.4
October 2021	-	-	18.1	2,067.3
November 2020	-	-	22.1	1,896.9
<b>Washington</b>				
November 2021	W	-	156.6	4,091.5
October 2021	W	-	191.7	3,692.9
November 2020	W	-	188.0	3,233.8

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District**

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
<b>United States</b>								
November 2021	W	2,245.8	W	3,353.3	2,192.4	5,599.1	-	W
October 2021	W	3,946.4	W	2,071.9	2,020.8	6,018.3	-	W
November 2020	W	3,811.7	W	1,554.9	1,995.0	5,366.6	-	W
<b>PAD District 1</b>								
November 2021	W	W	W	W	W	2,268.7	-	-
October 2021	W	W	W	W	W	2,979.9	-	-
November 2020	W	W	-	W	W	1,673.3	-	-
<b>Subdistrict 1A</b>								
November 2021	-	-	-	-	-	-	-	-
October 2021	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-
<b>Subdistrict 1B</b>								
November 2021	W	W	W	W	W	W	-	-
October 2021	W	W	W	W	W	2,979.9	-	-
November 2020	W	W	-	W	W	1,673.3	-	-
<b>Subdistrict 1C</b>								
November 2021	-	-	-	W	-	W	-	-
October 2021	-	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-	-
<b>PAD District 2</b>								
November 2021	-	-	W	-	W	-	-	-
October 2021	-	-	W	-	W	-	-	-
November 2020	-	-	W	-	W	-	-	-
<b>PAD District 3</b>								
November 2021	W	881.9	W	1,324.2	W	2,206.1	-	W
October 2021	W	1,061.1	W	964.3	W	2,025.5	-	W
November 2020	W	2,023.9	W	566.1	W	2,590.0	-	W
<b>PAD District 4</b>								
November 2021	-	W	-	-	-	W	-	-
October 2021	-	W	-	-	-	W	-	-
November 2020	-	-	-	-	-	-	-	-
<b>PAD District 5</b>								
November 2021	W	W	W	W	W	W	-	W
October 2021	W	W	607.4	W	W	W	-	-
November 2020	W	W	W	W	1,707.7	1,103.3	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

# **Prime Supplier Sales Volumes of Petroleum Products for Local Consumption**

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**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state**  
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>United States</b>						
November 2021	209,333.4	94,275.0	303,608.4	2,596.1	1,259.3	3,855.4
October 2021	211,160.8	94,909.6	306,070.4	2,670.8	1,364.1	4,034.9
November 2020	189,345.7	85,458.0	274,803.7	3,062.4	1,629.7	4,692.1
<b>PAD District 1</b>						
November 2021	64,689.0	36,931.9	101,620.9	922.1	437.6	1,359.7
October 2021	65,572.1	37,360.4	102,932.5	989.2	474.6	1,463.8
November 2020	59,195.6	33,268.7	92,464.3	1,204.7	542.3	1,747.0
<b>Subdistrict 1A</b>						
November 2021	1,558.9	11,597.3	13,156.2	15.5	133.2	148.7
October 2021	1,671.8	11,787.9	13,459.7	19.6	147.4	166.9
November 2020	1,359.4	10,557.0	11,916.4	17.6	163.0	180.5
<b>Connecticut</b>						
November 2021	-	3,187.0	3,187.0	-	31.8	31.8
October 2021	-	3,215.2	3,215.2	-	37.3	37.3
November 2020	-	2,933.4	2,933.4	-	29.7	29.7
<b>Maine</b>						
November 2021	629.0	933.1	1,562.1	10.3	10.5	20.8
October 2021	664.8	1,026.3	1,691.2	13.8	12.8	26.5
November 2020	551.5	862.3	1,413.8	10.6	9.9	20.5
<b>Massachusetts</b>						
November 2021	-	5,068.7	5,068.7	-	68.4	68.4
October 2021	-	5,140.1	5,140.1	-	72.9	72.9
November 2020	-	4,603.8	4,603.8	-	94.0	94.0
<b>New Hampshire</b>						
November 2021	287.0	1,024.5	1,311.4	1.1	8.5	9.6
October 2021	319.3	1,049.2	1,368.4	1.3	9.4	10.6
November 2020	247.4	935.2	1,182.6	2.6	10.4	13.0
<b>Rhode Island</b>						
November 2021	-	1,384.1	1,384.1	-	13.9	13.9
October 2021	-	1,357.2	1,357.2	-	15.1	15.1
November 2020	-	1,222.3	1,222.3	-	18.9	18.9
<b>Vermont</b>						
November 2021	642.9	-	642.9	4.1	-	4.1
October 2021	687.7	-	687.7	4.5	-	4.5
November 2020	560.5	-	560.5	4.4	-	4.4
<b>Subdistrict 1B</b>						
November 2021	11,925.4	21,816.2	33,741.6	75.5	265.6	341.2
October 2021	12,101.6	21,971.2	34,072.8	82.3	287.1	369.5
November 2020	11,025.4	19,433.4	30,458.8	130.8	335.5	466.3
<b>Delaware</b>						
November 2021	-	1,191.8	1,191.8	-	6.4	6.4
October 2021	-	1,267.3	1,267.3	-	9.5	9.5
November 2020	-	911.7	911.7	-	6.1	6.1
<b>District of Columbia</b>						
November 2021	-	139.7	139.7	-	2.4	2.4
October 2021	-	136.6	136.6	-	2.1	2.1
November 2020	-	143.0	143.0	-	2.3	2.3
<b>Maryland</b>						
November 2021	548.3	3,639.2	4,187.5	3.4	27.8	31.2
October 2021	601.8	3,683.5	4,285.3	5.6	35.0	40.6
November 2020	497.7	3,271.4	3,769.1	4.2	32.1	36.2
<b>New Jersey</b>						
November 2021	-	8,050.6	8,050.6	-	88.0	88.0
October 2021	-	8,071.9	8,071.9	-	91.4	91.4
November 2020	-	7,216.0	7,216.0	-	95.8	95.8
<b>New York</b>						
November 2021	5,253.2	6,522.4	11,775.6	40.2	132.2	172.3
October 2021	5,387.3	6,572.1	11,959.4	43.9	138.5	182.5
November 2020	4,794.2	5,868.9	10,663.1	77.9	180.0	257.9
<b>Pennsylvania</b>						
November 2021	6,123.9	2,272.5	8,396.3	32.0	8.8	40.8
October 2021	6,112.6	2,239.8	8,352.4	32.8	10.6	43.4
November 2020	5,733.4	2,022.5	7,755.9	48.7	19.2	67.9

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>United States</b>						
November 2021	23,759.1	19,133.4	42,892.5	235,688.6	114,667.7	350,356.2
October 2021	24,742.8	19,650.8	44,393.6	238,574.4	115,924.5	354,498.9
November 2020	23,553.7	18,739.9	42,293.7	215,961.9	105,827.6	321,789.4
<b>PAD District 1</b>						
November 2021	7,973.2	6,801.9	14,775.1	73,584.4	44,171.3	117,755.7
October 2021	8,216.9	7,079.2	15,296.1	74,778.2	44,914.3	119,692.4
November 2020	7,853.9	6,510.3	14,364.2	68,254.2	40,321.3	108,575.5
<b>Subdistrict 1A</b>						
November 2021	107.0	1,814.5	1,921.5	1,681.4	13,545.0	15,226.4
October 2021	137.8	1,935.5	2,073.2	1,829.2	13,870.7	15,699.9
November 2020	91.6	1,769.7	1,861.2	1,468.6	12,489.6	13,958.2
<b>Connecticut</b>						
November 2021	-	585.5	585.5	-	3,804.3	3,804.3
October 2021	-	624.8	624.8	-	3,877.3	3,877.3
November 2020	-	581.9	581.9	-	3,545.0	3,545.0
<b>Maine</b>						
November 2021	26.2	78.0	104.2	665.5	1,021.6	1,687.2
October 2021	33.6	93.5	127.0	712.2	1,132.5	1,844.7
November 2020	26.9	75.2	102.1	589.0	947.5	1,536.4
<b>Massachusetts</b>						
November 2021	-	827.1	827.1	-	5,964.2	5,964.2
October 2021	-	872.2	872.2	-	6,085.1	6,085.1
November 2020	-	782.1	782.1	-	5,479.9	5,479.9
<b>New Hampshire</b>						
November 2021	24.8	110.1	134.9	312.9	1,143.0	1,455.9
October 2021	31.5	123.5	155.1	352.1	1,182.0	1,534.1
November 2020	13.2	121.7	134.9	263.2	1,067.3	1,330.5
<b>Rhode Island</b>						
November 2021	-	213.8	213.8	-	1,611.8	1,611.8
October 2021	-	221.5	221.5	-	1,593.7	1,593.7
November 2020	-	208.7	208.7	-	1,449.9	1,449.9
<b>Vermont</b>						
November 2021	55.9	-	55.9	703.0	-	703.0
October 2021	72.6	-	72.6	764.9	-	764.9
November 2020	51.5	-	51.5	616.4	-	616.4
<b>Subdistrict 1B</b>						
November 2021	1,052.6	4,284.6	5,337.2	13,053.5	26,366.5	39,420.0
October 2021	1,152.9	4,456.0	5,608.9	13,336.9	26,714.4	40,051.2
November 2020	1,137.9	4,089.1	5,227.0	12,294.1	23,858.0	36,152.1
<b>Delaware</b>						
November 2021	-	139.7	139.7	-	1,337.9	1,337.9
October 2021	-	156.0	156.0	-	1,432.8	1,432.8
November 2020	-	123.2	123.2	-	1,041.0	1,041.0
<b>District of Columbia</b>						
November 2021	-	33.0	33.0	-	175.1	175.1
October 2021	-	31.5	31.5	-	170.3	170.3
November 2020	-	32.6	32.6	-	177.9	177.9
<b>Maryland</b>						
November 2021	48.3	615.1	663.3	599.9	4,282.1	4,882.0
October 2021	61.1	655.1	716.2	668.5	4,373.5	5,042.1
November 2020	50.9	599.5	650.3	552.8	3,902.9	4,455.7
<b>New Jersey</b>						
November 2021	-	1,358.1	1,358.1	-	9,496.8	9,496.8
October 2021	-	1,401.2	1,401.2	-	9,564.5	9,564.5
November 2020	-	1,275.7	1,275.7	-	8,587.5	8,587.5
<b>New York</b>						
November 2021	447.4	1,746.4	2,193.7	5,740.8	8,400.9	14,141.7
October 2021	499.1	1,811.7	2,310.8	5,930.3	8,522.3	14,452.6
November 2020	467.7	1,712.5	2,180.2	5,339.9	7,761.3	13,101.2
<b>Pennsylvania</b>						
November 2021	557.0	392.4	949.3	6,712.8	2,673.7	9,386.5
October 2021	592.6	400.5	993.2	6,738.0	2,651.0	9,389.0
November 2020	619.3	345.6	964.9	6,401.4	2,387.3	8,788.8

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>Subdistrict 1C</b>						
November 2021	51,204.8	3,518.3	54,723.1	831.1	38.8	869.8
October 2021	51,798.6	3,601.3	55,400.0	887.3	40.1	927.4
November 2020	46,810.8	3,278.3	50,089.1	1,056.3	43.9	1,100.2
<b>Florida</b>						
November 2021	17,564.8	-	17,564.8	195.3	-	195.3
October 2021	17,905.1	-	17,905.1	198.6	-	198.6
November 2020	15,926.9	-	15,926.9	276.6	-	276.6
<b>Georgia</b>						
November 2021	11,808.2	-	11,808.2	301.2	-	301.2
October 2021	11,793.0	-	11,793.0	321.2	-	321.2
November 2020	10,926.7	-	10,926.7	310.7	-	310.7
<b>North Carolina</b>						
November 2021	10,767.4	-	10,767.4	146.1	-	146.1
October 2021	10,926.8	-	10,926.8	173.2	-	173.2
November 2020	9,538.9	-	9,538.9	245.9	-	245.9
<b>South Carolina</b>						
November 2021	5,982.3	-	5,982.3	140.9	-	140.9
October 2021	6,071.6	-	6,071.6	145.2	-	145.2
November 2020	5,538.8	-	5,538.8	160.3	-	160.3
<b>Virginia</b>						
November 2021	3,576.9	3,518.3	7,095.2	40.4	38.8	79.2
October 2021	3,531.3	3,601.3	7,132.6	41.8	40.1	81.9
November 2020	3,285.3	3,278.3	6,563.7	48.0	43.9	91.9
<b>West Virginia</b>						
November 2021	1,505.2	-	1,505.2	7.2	-	7.2
October 2021	1,570.9	-	1,570.9	7.2	-	7.2
November 2020	1,594.2	-	1,594.2	14.7	-	14.7
<b>PAD District 2</b>						
November 2021	76,529.0	12,102.9	88,632.0	810.0	100.7	910.7
October 2021	76,451.4	11,884.5	88,335.9	783.5	99.6	883.1
November 2020	68,911.4	10,765.6	79,676.9	900.6	152.0	1,052.6
<b>Illinois</b>						
November 2021	3,645.0	6,119.0	9,764.0	35.2	38.0	73.2
October 2021	3,641.9	5,966.8	9,608.8	36.2	37.0	73.2
November 2020	3,457.3	5,541.5	8,998.8	42.3	70.6	112.8
<b>Indiana</b>						
November 2021	6,463.3	1,205.7	7,668.9	40.6	10.8	51.4
October 2021	6,482.3	1,135.4	7,617.6	42.8	9.8	52.6
November 2020	5,900.8	922.9	6,823.7	69.0	18.8	87.9
<b>Iowa</b>						
November 2021	3,195.5	-	3,195.5	106.2	-	106.2
October 2021	3,182.3	-	3,182.3	75.9	-	75.9
November 2020	2,759.3	-	2,759.3	72.4	-	72.4
<b>Kansas</b>						
November 2021	3,961.0	-	3,961.0	46.9	-	46.9
October 2021	4,022.2	-	4,022.2	46.5	-	46.5
November 2020	3,561.5	-	3,561.5	45.4	-	45.4
<b>Kentucky</b>						
November 2021	4,429.4	716.8	5,146.2	36.9	5.9	42.8
October 2021	4,396.3	715.6	5,111.9	35.4	5.7	41.0
November 2020	3,913.2	680.1	4,593.2	50.9	14.0	64.9
<b>Michigan</b>						
November 2021	11,070.0	-	11,070.0	24.7	-	24.7
October 2021	11,160.5	-	11,160.5	25.7	-	25.7
November 2020	9,967.3	-	9,967.3	65.1	-	65.1
<b>Minnesota</b>						
November 2021	5,405.0	-	5,405.0	124.2	-	124.2
October 2021	5,438.1	-	5,438.1	125.1	-	125.1
November 2020	4,511.1	-	4,511.1	75.2	-	75.2
<b>Missouri</b>						
November 2021	5,208.8	2,229.6	7,438.4	83.8	38.3	122.1
October 2021	5,176.4	2,245.4	7,421.8	83.1	39.6	122.7
November 2020	4,718.5	2,025.9	6,744.4	76.6	34.7	111.3

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>Subdistrict 1C</b>						
November 2021	6,813.7	702.7	7,516.4	58,849.5	4,259.8	63,109.3
October 2021	6,926.2	687.7	7,613.9	59,612.1	4,329.2	63,941.3
November 2020	6,624.4	651.5	7,276.0	54,491.5	3,973.7	58,465.3
<b>Florida</b>						
November 2021	2,675.4	-	2,675.4	20,435.5	-	20,435.5
October 2021	2,700.8	-	2,700.8	20,804.5	-	20,804.5
November 2020	2,589.6	-	2,589.6	18,793.1	-	18,793.1
<b>Georgia</b>						
November 2021	1,739.8	-	1,739.8	13,849.2	-	13,849.2
October 2021	1,759.2	-	1,759.2	13,873.5	-	13,873.5
November 2020	1,666.7	-	1,666.7	12,904.1	-	12,904.1
<b>North Carolina</b>						
November 2021	1,308.1	-	1,308.1	12,221.6	-	12,221.6
October 2021	1,335.2	-	1,335.2	12,435.2	-	12,435.2
November 2020	1,289.6	-	1,289.6	11,074.4	-	11,074.4
<b>South Carolina</b>						
November 2021	661.0	-	661.0	6,784.2	-	6,784.2
October 2021	689.6	-	689.6	6,906.4	-	6,906.4
November 2020	679.7	-	679.7	6,378.9	-	6,378.9
<b>Virginia</b>						
November 2021	315.6	702.7	1,018.3	3,932.9	4,259.8	8,192.7
October 2021	320.3	687.7	1,008.0	3,893.4	4,329.2	8,222.6
November 2020	303.7	651.5	955.3	3,637.1	3,973.7	7,610.8
<b>West Virginia</b>						
November 2021	113.7	-	113.7	1,626.0	-	1,626.0
October 2021	121.1	-	121.1	1,699.3	-	1,699.3
November 2020	95.1	-	95.1	1,704.0	-	1,704.0
<b>PAD District 2</b>						
November 2021	6,212.3	1,540.4	7,752.7	83,551.4	13,744.0	97,295.4
October 2021	6,555.8	1,545.4	8,101.2	83,790.7	13,529.5	97,320.2
November 2020	6,245.8	1,381.2	7,627.0	76,057.8	12,298.8	88,356.6
<b>Illinois</b>						
November 2021	194.2	909.3	1,103.4	3,874.3	7,066.3	10,940.6
October 2021	206.5	904.0	1,110.5	3,884.6	6,907.8	10,792.4
November 2020	248.6	806.5	1,055.1	3,748.2	6,418.6	10,166.8
<b>Indiana</b>						
November 2021	441.8	131.8	573.6	6,945.7	1,348.3	8,294.0
October 2021	473.8	134.6	608.5	6,998.9	1,279.8	8,278.8
November 2020	457.8	104.0	561.8	6,427.6	1,045.8	7,473.4
<b>Iowa</b>						
November 2021	273.6	-	273.6	3,575.3	-	3,575.3
October 2021	312.9	-	312.9	3,571.1	-	3,571.1
November 2020	253.1	-	253.1	3,084.8	-	3,084.8
<b>Kansas</b>						
November 2021	336.2	-	336.2	4,344.1	-	4,344.1
October 2021	356.8	-	356.8	4,425.5	-	4,425.5
November 2020	362.0	-	362.0	3,969.0	-	3,969.0
<b>Kentucky</b>						
November 2021	264.3	80.6	345.0	4,730.6	803.3	5,534.0
October 2021	268.2	80.7	348.9	4,699.8	802.1	5,501.9
November 2020	270.7	58.3	329.0	4,234.7	752.4	4,987.1
<b>Michigan</b>						
November 2021	715.9	-	715.9	11,810.5	-	11,810.5
October 2021	767.6	-	767.6	11,953.8	-	11,953.8
November 2020	711.2	-	711.2	10,743.6	-	10,743.6
<b>Minnesota</b>						
November 2021	564.8	-	564.8	6,094.0	-	6,094.0
October 2021	619.7	-	619.7	6,183.0	-	6,183.0
November 2020	498.2	-	498.2	5,084.5	-	5,084.5
<b>Missouri</b>						
November 2021	392.4	245.9	638.3	5,684.9	2,513.9	8,198.8
October 2021	404.4	254.5	658.9	5,663.9	2,539.5	8,203.5
November 2020	404.1	238.4	642.5	5,199.2	2,299.0	7,498.2

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
November 2021	2,033.8	-	2,033.8	24.6	-	24.6
October 2021	2,017.5	-	2,017.5	25.8	-	25.8
November 2020	1,752.6	-	1,752.6	30.5	-	30.5
<b>North Dakota</b>						
November 2021	873.1	-	873.1	18.0	-	18.0
October 2021	847.1	-	847.1	17.4	-	17.4
November 2020	729.6	-	729.6	17.4	-	17.4
<b>Ohio</b>						
November 2021	11,955.0	-	11,955.0	49.1	-	49.1
October 2021	12,083.5	-	12,083.5	49.0	-	49.0
November 2020	11,069.0	-	11,069.0	119.3	-	119.3
<b>Oklahoma</b>						
November 2021	4,896.8	-	4,896.8	64.2	-	64.2
October 2021	4,948.3	-	4,948.3	65.3	-	65.3
November 2020	4,514.1	-	4,514.1	63.0	-	63.0
<b>South Dakota</b>						
November 2021	1,108.2	-	1,108.2	16.2	-	16.2
October 2021	1,098.0	-	1,098.0	18.8	-	18.8
November 2020	896.9	-	896.9	16.2	-	16.2
<b>Tennessee</b>						
November 2021	8,302.9	-	8,302.9	108.4	-	108.4
October 2021	7,978.5	-	7,978.5	105.6	-	105.6
November 2020	7,734.3	-	7,734.3	129.6	-	129.6
<b>Wisconsin</b>						
November 2021	3,981.4	1,831.9	5,813.2	31.0	7.6	38.6
October 2021	3,978.5	1,821.3	5,799.8	31.0	7.4	38.4
November 2020	3,425.9	1,595.2	5,021.0	27.6	13.9	41.6
<b>PAD District 3</b>						
November 2021	40,573.1	16,279.9	56,853.0	435.0	244.6	679.6
October 2021	40,642.3	16,529.3	57,171.5	451.5	256.7	708.2
November 2020	37,276.1	14,385.4	51,661.5	502.4	239.6	741.9
<b>Alabama</b>						
November 2021	6,136.3	-	6,136.3	65.7	-	65.7
October 2021	6,156.1	-	6,156.1	70.8	-	70.8
November 2020	5,854.9	-	5,854.9	72.2	-	72.2
<b>Arkansas</b>						
November 2021	3,545.9	-	3,545.9	38.0	-	38.0
October 2021	3,608.8	-	3,608.8	38.6	-	38.6
November 2020	3,350.1	-	3,350.1	40.0	-	40.0
<b>Louisiana</b>						
November 2021	6,772.9	-	6,772.9	44.9	-	44.9
October 2021	6,587.9	-	6,587.9	44.5	-	44.5
November 2020	6,057.7	-	6,057.7	54.7	-	54.7
<b>Mississippi</b>						
November 2021	3,334.7	-	3,334.7	40.2	-	40.2
October 2021	3,545.4	-	3,545.4	47.3	-	47.3
November 2020	3,386.4	-	3,386.4	45.1	-	45.1
<b>New Mexico</b>						
November 2021	2,176.7	-	2,176.7	31.1	-	31.1
October 2021	2,263.4	-	2,263.4	32.2	-	32.2
November 2020	1,819.0	-	1,819.0	70.6	-	70.6
<b>Texas</b>						
November 2021	18,606.6	16,279.9	34,886.5	215.0	244.6	459.7
October 2021	18,480.7	16,529.3	35,010.0	218.1	256.7	474.8
November 2020	16,808.1	14,385.4	31,193.5	219.7	239.6	459.3

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
November 2021	208.3	-	208.3	2,266.7	-	2,266.7
October 2021	215.6	-	215.6	2,258.9	-	2,258.9
November 2020	224.9	-	224.9	2,008.0	-	2,008.0
<b>North Dakota</b>						
November 2021	106.7	-	106.7	997.9	-	997.9
October 2021	103.7	-	103.7	968.2	-	968.2
November 2020	94.6	-	94.6	841.6	-	841.6
<b>Ohio</b>						
November 2021	870.3	-	870.3	12,874.3	-	12,874.3
October 2021	908.5	-	908.5	13,041.0	-	13,041.0
November 2020	849.5	-	849.5	12,037.8	-	12,037.8
<b>Oklahoma</b>						
November 2021	521.3	-	521.3	5,482.3	-	5,482.3
October 2021	523.4	-	523.4	5,537.0	-	5,537.0
November 2020	550.9	-	550.9	5,128.1	-	5,128.1
<b>South Dakota</b>						
November 2021	106.6	-	106.6	1,230.9	-	1,230.9
October 2021	118.9	-	118.9	1,235.7	-	1,235.7
November 2020	106.6	-	106.6	1,019.7	-	1,019.7
<b>Tennessee</b>						
November 2021	884.3	-	884.3	9,295.7	-	9,295.7
October 2021	874.1	-	874.1	8,958.1	-	8,958.1
November 2020	892.5	-	892.5	8,756.5	-	8,756.5
<b>Wisconsin</b>						
November 2021	331.7	172.8	504.4	4,344.0	2,012.3	6,356.3
October 2021	401.6	171.5	573.1	4,411.1	2,000.2	6,411.3
November 2020	321.0	174.0	495.0	3,774.5	1,783.1	5,557.6
<b>PAD District 3</b>						
November 2021	3,971.2	2,578.4	6,549.6	44,979.3	19,102.9	64,082.3
October 2021	4,079.9	2,619.1	6,699.0	45,173.6	19,405.1	64,578.8
November 2020	4,017.0	2,484.6	6,501.6	41,795.5	17,109.5	58,905.0
<b>Alabama</b>						
November 2021	590.2	-	590.2	6,792.2	-	6,792.2
October 2021	596.6	-	596.6	6,823.5	-	6,823.5
November 2020	615.9	-	615.9	6,542.9	-	6,542.9
<b>Arkansas</b>						
November 2021	321.5	-	321.5	3,905.4	-	3,905.4
October 2021	335.1	-	335.1	3,982.5	-	3,982.5
November 2020	345.8	-	345.8	3,736.0	-	3,736.0
<b>Louisiana</b>						
November 2021	606.4	-	606.4	7,424.2	-	7,424.2
October 2021	602.2	-	602.2	7,234.6	-	7,234.6
November 2020	631.1	-	631.1	6,743.5	-	6,743.5
<b>Mississippi</b>						
November 2021	294.9	-	294.9	3,669.9	-	3,669.9
October 2021	321.6	-	321.6	3,914.3	-	3,914.3
November 2020	330.8	-	330.8	3,762.3	-	3,762.3
<b>New Mexico</b>						
November 2021	310.5	-	310.5	2,518.3	-	2,518.3
October 2021	336.9	-	336.9	2,632.5	-	2,632.5
November 2020	286.9	-	286.9	2,176.5	-	2,176.5
<b>Texas</b>						
November 2021	1,847.7	2,578.4	4,426.1	20,669.3	19,102.9	39,772.2
October 2021	1,887.5	2,619.1	4,506.6	20,586.3	19,405.1	39,991.4
November 2020	1,806.5	2,484.6	4,291.1	18,834.3	17,109.5	35,943.8

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 4</b>						
November 2021	11,650.8	-	11,650.8	214.2	-	214.2
October 2021	12,345.6	-	12,345.6	228.8	-	228.8
November 2020	10,002.8	-	10,002.8	214.9	-	214.9
<b>Colorado</b>						
November 2021	4,852.8	-	4,852.8	100.0	-	100.0
October 2021	5,108.7	-	5,108.7	103.3	-	103.3
November 2020	4,153.3	-	4,153.3	91.8	-	91.8
<b>Idaho</b>						
November 2021	1,646.1	-	1,646.1	6.4	-	6.4
October 2021	1,784.4	-	1,784.4	8.9	-	8.9
November 2020	1,535.1	-	1,535.1	9.1	-	9.1
<b>Montana</b>						
November 2021	1,623.0	-	1,623.0	59.5	-	59.5
October 2021	1,697.0	-	1,697.0	62.2	-	62.2
November 2020	1,358.8	-	1,358.8	57.5	-	57.5
<b>Utah</b>						
November 2021	2,806.5	-	2,806.5	30.6	-	30.6
October 2021	2,976.2	-	2,976.2	36.2	-	36.2
November 2020	2,384.4	-	2,384.4	42.5	-	42.5
<b>Wyoming</b>						
November 2021	722.4	-	722.4	17.7	-	17.7
October 2021	779.3	-	779.3	18.2	-	18.2
November 2020	571.3	-	571.3	14.1	-	14.1
<b>PAD District 5</b>						
November 2021	15,891.4	28,960.3	44,851.7	214.7	476.4	691.1
October 2021	16,149.4	29,135.4	45,284.8	217.7	533.2	750.9
November 2020	13,959.8	27,038.3	40,998.1	239.9	695.8	935.7
<b>Alaska</b>						
November 2021	553.6	-	553.6	W	-	W
October 2021	538.4	-	538.4	W	-	W
November 2020	472.2	-	472.2	W	-	W
<b>Arizona</b>						
November 2021	W	W	6,890.0	W	W	111.1
October 2021	W	W	6,984.8	W	W	115.5
November 2020	W	W	6,237.5	W	W	120.3
<b>California</b>						
November 2021	-	24,874.1	24,874.1	-	W	402.1
October 2021	-	25,013.2	25,013.2	-	W	455.4
November 2020	-	23,363.8	23,363.8	-	W	623.4
<b>Hawaii</b>						
November 2021	930.0	-	930.0	W	-	W
October 2021	973.9	-	973.9	W	-	W
November 2020	939.7	-	939.7	W	-	W
<b>Nevada</b>						
November 2021	W	W	2,399.5	32.4	-	32.4
October 2021	W	W	2,352.0	33.6	-	33.6
November 2020	W	W	2,001.0	35.6	-	35.6
<b>Oregon</b>						
November 2021	3,399.2	-	3,399.2	20.9	-	20.9
October 2021	3,545.5	-	3,545.5	21.7	-	21.7
November 2020	3,093.6	-	3,093.6	20.8	-	20.8
<b>Washington</b>						
November 2021	5,805.4	-	5,805.4	51.7	-	51.7
October 2021	5,877.0	-	5,877.0	53.2	-	53.2
November 2020	4,890.2	-	4,890.2	58.9	-	58.9

See footnotes at end of table.

**Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
<b>PAD District 4</b>						
November 2021	2,580.2	-	2,580.2	14,445.1	-	14,445.1
October 2021	2,780.7	-	2,780.7	15,355.2	-	15,355.2
November 2020	2,497.9	-	2,497.9	12,715.6	-	12,715.6
<b>Colorado</b>						
November 2021	1,048.3	-	1,048.3	6,001.1	-	6,001.1
October 2021	1,129.7	-	1,129.7	6,341.8	-	6,341.8
November 2020	1,000.2	-	1,000.2	5,245.3	-	5,245.3
<b>Idaho</b>						
November 2021	293.8	-	293.8	1,946.3	-	1,946.3
October 2021	319.8	-	319.8	2,113.1	-	2,113.1
November 2020	308.4	-	308.4	1,852.5	-	1,852.5
<b>Montana</b>						
November 2021	273.0	-	273.0	1,955.5	-	1,955.5
October 2021	301.0	-	301.0	2,060.2	-	2,060.2
November 2020	291.4	-	291.4	1,707.7	-	1,707.7
<b>Utah</b>						
November 2021	831.5	-	831.5	3,668.6	-	3,668.6
October 2021	880.5	-	880.5	3,893.0	-	3,893.0
November 2020	767.2	-	767.2	3,194.1	-	3,194.1
<b>Wyoming</b>						
November 2021	133.6	-	133.6	873.6	-	873.6
October 2021	149.7	-	149.7	947.2	-	947.2
November 2020	130.7	-	130.7	716.0	-	716.0
<b>PAD District 5</b>						
November 2021	3,022.2	8,212.7	11,234.9	19,128.3	37,649.4	56,777.7
October 2021	3,109.5	8,407.1	11,516.6	19,476.6	38,075.7	57,552.3
November 2020	2,939.2	8,363.8	11,303.0	17,138.9	36,097.9	53,236.7
<b>Alaska</b>						
November 2021	W	-	W	626.4	-	626.4
October 2021	W	-	W	608.6	-	608.6
November 2020	W	-	W	550.0	-	550.0
<b>Arizona</b>						
November 2021	W	W	1,014.1	W	W	8,015.2
October 2021	W	W	1,042.2	W	W	8,142.5
November 2020	W	W	1,009.8	W	W	7,367.7
<b>California</b>						
November 2021	-	W	7,634.2	-	32,910.4	32,910.4
October 2021	-	W	7,797.9	-	33,266.4	33,266.4
November 2020	-	W	7,784.5	-	31,771.7	31,771.7
<b>Hawaii</b>						
November 2021	W	-	W	1,208.2	-	1,208.2
October 2021	W	-	W	1,259.8	-	1,259.8
November 2020	W	-	W	1,274.6	-	1,274.6
<b>Nevada</b>						
November 2021	653.8	-	653.8	W	W	3,085.8
October 2021	W	W	658.0	W	W	3,043.6
November 2020	600.7	-	600.7	W	W	2,637.3
<b>Oregon</b>						
November 2021	487.7	-	487.7	3,907.7	-	3,907.7
October 2021	531.7	-	531.7	4,098.9	-	4,098.9
November 2020	471.4	-	471.4	3,585.9	-	3,585.9
<b>Washington</b>						
November 2021	1,167.0	-	1,167.0	7,024.1	-	7,024.1
October 2021	1,202.3	-	1,202.3	7,132.4	-	7,132.4
November 2020	1,100.5	-	1,100.5	6,049.6	-	6,049.6

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
<b>United States</b>							
November 2021	424.6	56,151.1	174.6	29,295.9	3,968.3	3,841.9	7,810.3
October 2021	448.7	55,117.6	64.9	27,475.6	3,925.7	2,755.6	6,681.3
November 2020	390.3	41,835.8	261.0	30,826.9	5,382.0	3,042.1	8,424.1
<b>PAD District 1</b>							
November 2021	143.2	12,709.5	174.6	7,399.1	1,130.2	1,053.1	2,183.3
October 2021	155.0	12,065.6	64.9	4,927.8	909.6	307.4	1,217.0
November 2020	121.9	7,496.1	261.0	7,445.1	1,337.2	763.7	2,100.9
<b>Subdistrict 1A</b>							
November 2021	14.6	1,337.6	W	1,497.4	59.5	-	59.5
October 2021	20.3	1,452.7	W	903.1	33.0	-	33.0
November 2020	15.4	714.7	W	1,511.3	W	W	48.9
<b>Connecticut</b>							
November 2021	2.1	153.3	W	161.6	-	-	-
October 2021	3.1	163.9	W	102.2	-	-	-
November 2020	2.4	104.1	-	133.6	W	-	W
<b>Maine</b>							
November 2021	W	94.3	W	385.9	30.1	-	30.1
October 2021	3.6	129.1	-	239.5	20.4	-	20.4
November 2020	2.1	72.8	-	425.5	W	W	W
<b>Massachusetts</b>							
November 2021	7.9	927.7	W	307.9	W	-	W
October 2021	8.7	967.5	W	177.3	W	-	W
November 2020	7.6	457.2	-	267.6	W	W	8.3
<b>New Hampshire</b>							
November 2021	2.0	74.1	W	389.1	W	-	W
October 2021	2.5	96.1	-	230.8	W	-	W
November 2020	2.2	36.6	W	419.7	W	-	W
<b>Rhode Island</b>							
November 2021	W	54.5	-	46.0	W	-	W
October 2021	W	57.5	-	32.1	-	-	-
November 2020	W	25.7	W	34.9	W	-	W
<b>Vermont</b>							
November 2021	W	33.7	W	206.9	W	-	W
October 2021	W	38.6	W	121.1	W	-	W
November 2020	W	18.3	W	230.0	W	-	W
<b>Subdistrict 1B</b>							
November 2021	28.3	6,349.6	W	2,644.4	W	W	1,831.3
October 2021	31.1	6,041.5	W	1,720.1	W	W	1,032.2
November 2020	24.5	3,323.5	W	3,051.8	1,297.3	713.9	2,011.2
<b>Delaware</b>							
November 2021	1.1	14.0	-	116.5	W	-	W
October 2021	0.5	12.6	-	84.3	W	-	W
November 2020	0.3	11.0	-	141.0	-	-	-
<b>District of Columbia</b>							
November 2021	-	-	-	-	-	-	-
October 2021	-	-	-	-	-	-	-
November 2020	-	-	-	-	-	-	-
<b>Maryland</b>							
November 2021	4.0	180.0	-	246.9	-	-	-
October 2021	6.1	205.6	-	170.4	W	-	W
November 2020	3.7	143.2	-	238.1	-	-	-
<b>New Jersey</b>							
November 2021	6.0	1,890.5	W	183.3	W	W	1,620.6
October 2021	7.4	1,679.1	W	151.9	W	W	W
November 2020	5.1	700.1	W	238.7	W	W	1,394.7
<b>New York</b>							
November 2021	9.1	2,712.6	W	1,049.0	W	W	208.5
October 2021	9.1	2,563.1	W	626.4	W	W	140.8
November 2020	7.6	1,946.6	178.7	1,103.2	539.9	W	W
<b>Pennsylvania</b>							
November 2021	8.1	1,552.6	-	1,048.7	W	-	W
October 2021	8.0	1,581.1	-	687.1	W	W	W
November 2020	7.7	522.7	-	1,330.8	W	-	W

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
<b>Subdistrict 1C</b>							
November 2021	100.3	5,022.2	-	3,257.3	W	W	292.5
October 2021	103.6	4,571.5	-	2,304.7	W	W	151.8
November 2020	82.0	3,457.9	-	2,882.0	W	W	40.8
<b>Florida</b>							
November 2021	55.4	3,209.6	-	571.9	W	W	230.6
October 2021	55.0	2,759.2	-	422.0	W	W	89.4
November 2020	45.3	2,297.8	-	527.5	-	W	W
<b>Georgia</b>							
November 2021	12.8	502.1	-	654.2	-	W	W
October 2021	19.6	471.0	-	502.0	-	W	W
November 2020	12.3	291.3	-	502.6	W	W	4.3
<b>North Carolina</b>							
November 2021	13.2	326.7	-	1,043.1	-	W	W
October 2021	12.4	372.8	-	745.5	-	W	W
November 2020	10.6	241.4	-	806.8	-	W	W
<b>South Carolina</b>							
November 2021	8.3	259.1	-	387.5	W	W	W
October 2021	7.4	266.8	-	258.7	W	W	W
November 2020	W	160.7	-	310.3	-	W	W
<b>Virginia</b>							
November 2021	9.5	706.2	-	443.1	-	-	-
October 2021	7.8	679.5	-	319.3	W	-	W
November 2020	7.1	449.6	-	429.0	-	-	-
<b>West Virginia</b>							
November 2021	1.1	18.6	-	157.5	-	-	-
October 2021	1.5	22.1	-	57.2	-	-	-
November 2020	W	17.1	-	305.8	-	-	-
<b>PAD District 2</b>							
November 2021	97.4	10,861.3	-	10,185.6	-	68.4	68.4
October 2021	107.2	10,946.5	-	9,470.8	-	85.7	85.7
November 2020	92.4	8,477.0	-	10,077.1	-	78.0	78.0
<b>Illinois</b>							
November 2021	8.5	3,112.5	-	1,335.2	-	-	-
October 2021	9.9	3,203.1	-	1,233.6	-	-	-
November 2020	8.1	2,198.5	-	1,212.2	-	-	-
<b>Indiana</b>							
November 2021	6.5	893.3	-	684.1	-	W	W
October 2021	8.1	847.9	-	604.3	-	W	W
November 2020	6.5	715.5	-	579.9	-	W	W
<b>Iowa</b>							
November 2021	5.1	102.9	-	937.7	-	-	-
October 2021	3.8	94.1	-	1,152.1	-	-	-
November 2020	3.5	61.6	-	785.2	-	-	-
<b>Kansas</b>							
November 2021	6.9	139.8	-	961.0	-	-	-
October 2021	6.7	147.4	-	920.5	-	-	-
November 2020	5.2	106.7	-	1,141.8	-	-	-
<b>Kentucky</b>							
November 2021	4.2	1,806.5	-	337.8	-	-	-
October 2021	4.4	1,666.8	-	296.8	-	-	-
November 2020	4.4	1,512.9	-	239.9	-	-	-
<b>Michigan</b>							
November 2021	8.6	569.1	-	988.4	-	W	W
October 2021	9.4	612.0	-	728.8	-	W	W
November 2020	7.9	526.1	-	972.9	-	W	W
<b>Minnesota</b>							
November 2021	7.4	315.2	-	922.4	-	W	W
October 2021	9.0	306.1	-	1,079.9	-	W	W
November 2020	6.7	233.0	-	1,042.6	-	W	W
<b>Missouri</b>							
November 2021	6.8	440.3	-	767.4	-	-	-
October 2021	9.3	392.0	-	676.6	-	-	-
November 2020	6.8	244.6	-	706.1	-	-	-

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
<b>PAD District 2 (cont.)</b>							
<b>Nebraska</b>							
November 2021	4.7	135.6	-	210.6	-	W	W
October 2021	2.9	139.7	-	252.3	-	-	-
November 2020	4.0	87.9	-	208.5	-	-	-
<b>North Dakota</b>							
November 2021	5.6	113.5	-	462.9	-	-	-
October 2021	5.6	155.1	-	434.8	-	-	-
November 2020	5.4	100.2	-	682.8	-	-	-
<b>Ohio</b>							
November 2021	7.8	826.7	-	892.4	-	-	-
October 2021	11.8	912.6	-	782.3	-	-	-
November 2020	10.7	634.7	-	842.1	-	-	-
<b>Oklahoma</b>							
November 2021	6.1	682.0	-	273.8	-	-	-
October 2021	6.9	670.3	-	249.4	-	-	-
November 2020	5.6	340.3	-	278.2	-	-	-
<b>South Dakota</b>							
November 2021	2.0	51.6	-	137.0	-	W	W
October 2021	2.6	60.3	-	150.7	-	W	W
November 2020	2.3	W	-	114.1	-	W	W
<b>Tennessee</b>							
November 2021	11.0	1,489.8	-	288.1	-	W	W
October 2021	11.4	1,556.0	-	205.2	-	W	W
November 2020	11.2	W	-	285.2	-	W	W
<b>Wisconsin</b>							
November 2021	6.2	182.4	-	986.9	-	W	W
October 2021	5.3	183.2	-	703.3	-	W	W
November 2020	4.1	115.9	-	985.6	-	W	W
<b>PAD District 3</b>							
November 2021	77.7	14,249.0	-	8,129.9	1,220.0	1,372.1	2,592.0
October 2021	67.9	12,739.4	-	9,692.4	1,308.4	1,080.2	2,388.6
November 2020	67.9	10,370.7	-	9,569.1	2,026.5	998.8	3,025.3
<b>Alabama</b>							
November 2021	10.1	215.8	-	326.1	W	W	W
October 2021	8.1	176.7	-	265.5	W	-	W
November 2020	6.6	142.6	-	290.3	W	W	76.9
<b>Arkansas</b>							
November 2021	5.4	134.0	-	236.1	-	-	-
October 2021	4.8	143.2	-	159.7	-	-	-
November 2020	4.7	110.9	-	227.6	-	-	-
<b>Louisiana</b>							
November 2021	7.5	2,131.0	-	800.0	W	W	722.0
October 2021	7.1	2,219.5	-	783.4	423.6	121.5	545.1
November 2020	6.5	1,440.0	-	926.1	W	W	1,323.5
<b>Mississippi</b>							
November 2021	4.1	945.8	-	289.5	W	-	W
October 2021	6.2	748.3	-	200.3	W	-	W
November 2020	4.3	245.4	-	268.9	-	-	-
<b>New Mexico</b>							
November 2021	5.5	129.8	-	184.7	-	-	-
October 2021	4.3	130.3	-	203.6	-	-	-
November 2020	4.4	79.5	-	191.5	-	-	-
<b>Texas</b>							
November 2021	45.0	10,692.6	-	6,293.4	696.9	1,107.1	1,804.0
October 2021	37.4	9,321.3	-	8,079.8	848.3	958.7	1,807.0
November 2020	41.3	8,352.4	-	7,664.5	934.7	690.3	1,625.0

See footnotes at end of table.

**Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil		Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%	
<b>PAD District 4</b>							
November 2021	29.6	1,990.8	-	1,008.6	-	-	-
October 2021	32.1	2,302.4	-	937.5	-	-	-
November 2020	27.3	1,348.4	-	1,184.5	-	-	-
<b>Colorado</b>							
November 2021	11.1	1,116.7	-	309.6	-	-	-
October 2021	14.1	1,249.5	-	306.0	-	-	-
November 2020	10.3	547.2	-	405.7	-	-	-
<b>Idaho</b>							
November 2021	5.9	99.8	-	97.5	-	-	-
October 2021	W	125.5	-	69.9	-	-	-
November 2020	4.9	74.9	-	106.2	-	-	-
<b>Montana</b>							
November 2021	3.4	105.5	-	257.4	-	-	-
October 2021	5.9	148.7	-	248.2	-	-	-
November 2020	3.8	78.1	-	296.5	-	-	-
<b>Utah</b>							
November 2021	7.4	626.5	-	161.3	-	-	-
October 2021	6.6	711.5	-	129.5	-	-	-
November 2020	6.3	597.3	-	124.3	-	-	-
<b>Wyoming</b>							
November 2021	1.9	42.4	-	182.8	-	-	-
October 2021	W	67.2	-	183.9	-	-	-
November 2020	2.0	50.9	-	251.8	-	-	-
<b>PAD District 5</b>							
November 2021	76.7	16,340.4	-	2,572.7	1,618.2	1,348.4	2,966.5
October 2021	86.5	17,063.6	-	2,447.1	1,707.6	1,282.4	2,990.0
November 2020	80.8	14,143.6	-	2,551.0	2,018.3	1,201.6	3,219.9
<b>Alaska</b>							
November 2021	W	2,213.2	-	W	-	-	-
October 2021	W	2,229.9	-	W	-	-	-
November 2020	W	2,168.9	-	W	-	-	-
<b>Arizona</b>							
November 2021	18.4	597.7	-	229.8	-	-	-
October 2021	18.2	573.8	-	240.1	-	-	-
November 2020	18.7	441.8	-	211.2	-	-	-
<b>California</b>							
November 2021	38.2	9,190.0	-	1,464.9	594.1	1,070.0	1,664.2
October 2021	42.7	9,658.9	-	1,342.4	674.9	903.2	1,578.1
November 2020	42.2	8,452.4	-	1,434.9	820.7	864.8	1,685.5
<b>Hawaii</b>							
November 2021	W	1,549.3	-	W	W	W	W
October 2021	W	1,487.1	-	W	W	W	W
November 2020	W	1,044.8	-	W	W	W	W
<b>Nevada</b>							
November 2021	6.1	700.1	-	78.9	-	-	-
October 2021	4.1	698.9	-	70.5	-	-	-
November 2020	3.7	399.7	-	90.4	-	-	-
<b>Oregon</b>							
November 2021	5.2	424.5	-	156.1	W	-	W
October 2021	6.7	438.3	-	130.1	W	-	W
November 2020	5.7	280.5	-	165.8	W	-	W
<b>Washington</b>							
November 2021	7.1	1,665.7	-	585.3	W	W	363.8
October 2021	11.4	1,976.8	-	606.1	W	W	482.0
November 2020	8.5	1,355.5	-	598.8	W	W	738.1

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state**  
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 distillate			No. 2 distillate	Total distillate and kerosene
				No. 2 diesel fuel				
				Ultra-low sulfur	Low-sulfur	High-sulfur		
<b>United States</b>								
November 2021	1,178.9	2,188.7	9,081.0	163,827.8	W	W	174,603.4	178,145.7
October 2021	972.0	1,281.5	6,371.5	168,127.8	W	W	176,096.5	178,414.8
November 2020	856.7	1,900.1	8,967.0	154,613.4	W	W	164,566.7	167,584.5
<b>PAD District 1</b>								
November 2021	420.4	91.3	8,587.8	42,725.9	-	279.5	51,593.3	52,279.6
October 2021	235.8	80.8	5,519.8	41,584.7	-	285.5	47,390.0	47,771.5
November 2020	295.3	47.2	7,816.5	W	-	W	48,164.1	48,767.5
<b>Subdistrict 1A</b>								
November 2021	W	W	3,582.3	W	-	W	7,461.0	7,606.8
October 2021	96.9	W	2,217.7	W	-	W	5,904.8	6,034.8
November 2020	121.4	W	3,609.8	W	-	W	7,208.0	7,355.1
<b>Connecticut</b>								
November 2021	W	W	906.6	991.4	-	-	1,898.0	1,914.3
October 2021	W	W	550.9	872.1	-	-	1,423.0	1,441.5
November 2020	W	W	798.5	880.7	-	-	1,679.3	1,686.6
<b>Maine</b>								
November 2021	67.0	W	629.6	W	-	W	1,217.2	1,290.6
October 2021	W	W	467.6	W	-	W	1,081.1	1,143.2
November 2020	W	W	708.4	595.3	-	-	1,303.7	1,378.1
<b>Massachusetts</b>								
November 2021	7.1	W	1,067.4	W	-	W	2,487.3	2,500.1
October 2021	W	W	600.2	W	-	W	1,889.1	1,914.6
November 2020	15.7	5.2	1,014.2	W	-	W	2,311.0	2,331.9
<b>New Hampshire</b>								
November 2021	17.5	W	454.9	389.0	-	-	843.9	868.7
October 2021	W	W	275.2	429.6	-	-	704.8	720.8
November 2020	17.4	W	515.6	344.4	-	-	860.0	884.7
<b>Rhode Island</b>								
November 2021	W	W	260.2	286.9	-	-	547.1	547.8
October 2021	W	W	160.2	281.1	-	-	441.4	441.5
November 2020	1.2	W	306.8	294.2	-	-	601.0	602.6
<b>Vermont</b>								
November 2021	13.4	W	263.5	204.0	-	-	467.5	485.3
October 2021	6.1	W	163.5	201.9	-	-	365.4	373.1
November 2020	11.8	W	266.2	186.9	-	-	453.1	471.2
<b>Subdistrict 1B</b>								
November 2021	226.9	W	4,864.7	W	-	W	18,906.5	19,347.6
October 2021	W	48.0	3,219.3	W	-	W	16,742.6	16,944.8
November 2020	W	21.6	4,138.1	W	-	W	17,918.3	18,312.9
<b>Delaware</b>								
November 2021	W	W	W	W	-	-	614.6	618.1
October 2021	3.4	-	W	W	-	-	458.7	462.1
November 2020	2.0	-	W	W	-	-	495.3	497.3
<b>District of Columbia</b>								
November 2021	-	-	W	W	-	-	30.3	30.3
October 2021	-	-	W	W	-	-	27.9	27.9
November 2020	-	-	W	W	-	-	26.8	26.8
<b>Maryland</b>								
November 2021	16.2	-	333.8	W	-	W	2,139.7	2,155.9
October 2021	9.0	-	173.7	W	-	W	1,986.1	1,995.0
November 2020	10.9	-	227.7	W	-	W	1,989.8	2,000.7
<b>New Jersey</b>								
November 2021	W	W	768.8	W	-	W	4,079.5	4,166.0
October 2021	W	W	534.8	W	-	W	3,593.5	3,639.9
November 2020	W	-	899.2	W	-	W	4,157.9	4,239.0
<b>New York</b>								
November 2021	99.9	W	2,358.0	W	-	W	5,773.2	6,056.4
October 2021	52.6	W	1,440.4	W	-	W	4,876.5	4,993.3
November 2020	76.3	19.9	1,953.3	W	-	W	5,099.4	5,374.3
<b>Pennsylvania</b>								
November 2021	35.6	16.1	1,355.9	W	-	W	6,269.1	6,320.9
October 2021	25.0	1.7	1,019.8	W	-	W	5,799.9	5,826.5
November 2020	24.1	1.7	1,045.2	W	-	W	6,149.1	6,174.9

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 distillate						Total distillate and kerosene	
	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 diesel fuel				
				Ultra-low sulfur	Low-sulfur	High-sulfur	No. 2 distillate	
<b>Subdistrict 1C</b>								
November 2021	W	W	140.8	W	-	W	25,225.8	25,325.3
October 2021	W	W	82.8	W	-	W	24,742.6	24,791.9
November 2020	W	W	68.7	W	-	W	23,037.8	23,099.5
<b>Florida</b>								
November 2021	-	-	W	7,139.9	-	W	7,300.3	7,300.3
October 2021	W	-	W	6,973.7	-	W	W	7,098.9
November 2020	0.9	-	-	W	-	W	6,245.1	6,246.0
<b>Georgia</b>								
November 2021	4.2	-	W	5,375.5	-	W	5,377.7	5,381.9
October 2021	W	W	W	5,383.2	-	W	5,386.3	5,388.5
November 2020	4.5	-	-	5,111.7	-	-	5,111.7	5,116.2
<b>North Carolina</b>								
November 2021	W	W	30.0	4,018.7	-	-	4,048.6	4,093.4
October 2021	26.3	-	27.1	W	-	W	4,086.2	4,112.5
November 2020	W	W	W	3,929.4	-	W	3,947.4	3,978.7
<b>South Carolina</b>								
November 2021	7.4	-	W	W	-	W	3,152.1	3,159.5
October 2021	3.3	-	W	2,998.2	-	W	3,004.2	3,007.5
November 2020	4.5	-	W	W	-	-	2,854.2	2,858.6
<b>Virginia</b>								
November 2021	W	W	64.3	4,128.3	-	-	4,192.6	4,227.6
October 2021	W	W	26.1	W	-	W	4,052.2	4,065.4
November 2020	13.4	-	27.6	3,788.4	-	-	3,816.0	3,829.4
<b>West Virginia</b>								
November 2021	W	W	21.4	1,133.0	-	-	1,154.4	1,162.6
October 2021	W	W	15.6	W	-	-	W	1,118.9
November 2020	W	W	23.9	1,039.5	-	-	1,063.4	1,070.5
<b>PAD District 2</b>								
November 2021	107.1	1,402.2	78.2	W	W	-	52,359.3	53,868.7
October 2021	104.7	531.2	74.8	W	W	-	55,030.5	55,666.5
November 2020	89.5	1,210.0	41.0	W	W	-	49,428.6	50,728.0
<b>Illinois</b>								
November 2021	7.7	54.8	-	5,935.1	-	-	5,935.1	5,997.5
October 2021	5.0	19.2	-	6,115.5	-	-	6,115.5	6,139.8
November 2020	15.9	37.0	-	5,720.1	-	-	5,720.1	5,773.0
<b>Indiana</b>								
November 2021	17.8	9.8	-	W	W	-	4,448.1	4,475.7
October 2021	6.6	3.0	-	4,425.2	-	-	4,425.2	4,434.8
November 2020	15.2	10.4	-	4,250.4	-	-	4,250.4	4,276.1
<b>Iowa</b>								
November 2021	0.4	191.0	W	W	-	-	3,495.6	3,687.0
October 2021	0.6	47.4	W	W	-	-	3,836.0	3,884.0
November 2020	W	W	W	W	-	-	3,035.2	3,193.0
<b>Kansas</b>								
November 2021	18.5	146.8	-	2,911.4	-	-	2,911.4	3,076.8
October 2021	W	W	-	3,186.9	-	-	3,186.9	3,265.2
November 2020	1.7	124.3	-	2,845.6	-	-	2,845.6	2,971.5
<b>Kentucky</b>								
November 2021	W	W	W	2,779.3	W	-	2,795.9	2,815.0
October 2021	W	W	W	W	W	-	2,766.1	2,771.6
November 2020	W	W	-	W	W	-	2,686.4	2,698.9
<b>Michigan</b>								
November 2021	7.1	22.9	W	3,532.3	W	-	3,534.5	3,564.4
October 2021	W	W	W	3,581.0	W	-	3,582.7	3,599.8
November 2020	8.2	18.9	W	3,310.2	W	-	3,312.1	3,339.1
<b>Minnesota</b>								
November 2021	W	W	2.1	2,782.0	-	-	2,784.1	3,108.7
October 2021	W	W	3.5	3,826.6	-	-	3,830.1	3,925.2
November 2020	6.9	285.1	W	W	-	-	2,657.0	2,949.0
<b>Missouri</b>								
November 2021	0.5	21.5	W	W	-	-	4,401.9	4,423.8
October 2021	0.6	3.8	W	W	-	-	4,347.9	4,352.4
November 2020	0.2	22.9	W	W	-	-	4,296.1	4,319.2

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 distillate			No. 2 distillate	Total distillate and kerosene
				No. 2 diesel fuel				
				Ultra-low sulfur	Low-sulfur	High-sulfur		
<b>PAD District 2 (cont.)</b>								
<b>Nebraska</b>								
November 2021	-	107.6	-	2,317.9	-	-	2,317.9	2,425.5
October 2021	-	51.0	-	2,566.5	-	-	2,566.5	2,617.4
November 2020	W	W	W	W	-	-	2,049.9	2,164.4
<b>North Dakota</b>								
November 2021	W	W	-	1,578.3	-	-	1,578.3	1,844.9
October 2021	W	W	-	1,861.3	-	-	1,861.3	1,981.3
November 2020	W	W	-	1,360.0	-	-	1,360.0	1,562.1
<b>Ohio</b>								
November 2021	W	W	W	5,591.1	W	-	5,623.1	5,660.4
October 2021	W	W	-	5,915.5	-	-	5,915.5	5,929.5
November 2020	13.0	14.3	-	5,601.1	-	-	5,601.1	5,628.4
<b>Oklahoma</b>								
November 2021	W	W	W	W	-	-	4,215.0	4,222.3
October 2021	W	W	W	W	-	-	3,987.0	4,075.9
November 2020	W	W	-	3,712.1	-	-	3,712.1	3,735.3
<b>South Dakota</b>								
November 2021	-	110.1	W	W	-	-	1,027.5	1,137.6
October 2021	-	43.6	W	W	-	-	1,218.5	1,262.1
November 2020	W	W	W	W	-	-	963.5	1,087.3
<b>Tennessee</b>								
November 2021	8.4	-	W	W	-	-	4,087.4	4,095.8
October 2021	W	W	W	W	-	-	4,082.4	4,089.5
November 2020	4.9	-	-	4,026.9	-	-	4,026.9	4,031.9
<b>Wisconsin</b>								
November 2021	2.9	126.6	W	W	-	-	3,203.7	3,333.2
October 2021	1.7	27.4	2.6	3,306.5	-	-	3,309.0	3,338.1
November 2020	2.5	84.4	W	W	-	-	2,912.2	2,999.1
<b>PAD District 3</b>								
November 2021	638.1	1.5	354.7	39,973.5	-	922.5	41,250.6	41,890.2
October 2021	619.3	1.5	722.0	41,348.1	-	895.9	42,966.1	43,586.9
November 2020	W	W	1,041.4	37,141.1	-	240.2	38,422.7	38,880.5
<b>Alabama</b>								
November 2021	W	-	-	2,982.7	-	W	W	3,020.1
October 2021	W	-	-	2,987.8	-	W	W	3,015.7
November 2020	W	-	W	W	-	W	W	3,059.7
<b>Arkansas</b>								
November 2021	-	W	W	W	-	-	W	2,413.2
October 2021	-	-	W	W	-	-	2,636.0	2,636.0
November 2020	-	W	W	W	-	-	W	2,307.3
<b>Louisiana</b>								
November 2021	W	W	W	W	-	W	5,444.3	6,044.4
October 2021	W	W	W	W	-	W	5,668.5	6,255.5
November 2020	W	-	W	4,831.6	-	W	W	5,406.5
<b>Mississippi</b>								
November 2021	W	-	-	W	-	-	W	2,477.3
October 2021	W	-	W	W	-	-	W	2,604.4
November 2020	W	-	-	2,127.0	-	W	W	2,128.9
<b>New Mexico</b>								
November 2021	-	W	W	W	-	-	W	2,273.7
October 2021	-	W	W	W	-	-	W	2,499.0
November 2020	-	W	-	W	-	-	W	2,241.6
<b>Texas</b>								
November 2021	W	W	283.9	24,774.5	-	601.0	25,659.4	25,661.6
October 2021	W	W	624.3	25,298.9	-	646.0	26,569.3	26,576.4
November 2020	W	W	1,001.7	22,610.5	-	123.1	23,735.3	23,736.5

See footnotes at end of table.

**Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	No. 2 distillate			No. 2 distillate	Total distillate and kerosene
				No. 2 diesel fuel				
				Ultra-low sulfur	Low-sulfur	High-sulfur		
<b>PAD District 4</b>								
November 2021	W	W	W	W	-	-	9,730.5	9,936.6
October 2021	W	W	W	W	-	-	10,236.6	10,406.3
November 2020	W	W	W	W	-	-	8,455.0	8,663.2
<b>Colorado</b>								
November 2021	W	W	-	2,549.7	-	-	2,549.7	2,600.5
October 2021	W	W	-	2,653.9	-	-	2,653.9	2,692.1
November 2020	-	53.9	-	2,167.8	-	-	2,167.8	2,221.7
<b>Idaho</b>								
November 2021	-	17.8	W	W	-	-	1,556.2	1,574.0
October 2021	-	15.7	W	W	-	-	1,724.8	1,740.5
November 2020	-	14.0	W	W	-	-	1,436.6	1,450.6
<b>Montana</b>								
November 2021	-	75.2	W	W	-	-	1,719.9	1,795.1
October 2021	-	57.3	W	W	-	-	1,822.9	1,880.2
November 2020	-	77.2	W	W	-	-	1,596.9	1,674.1
<b>Utah</b>								
November 2021	W	W	W	W	-	-	2,256.0	2,271.1
October 2021	W	W	W	W	-	-	2,404.7	2,427.7
November 2020	W	W	W	W	-	-	1,804.0	1,816.2
<b>Wyoming</b>								
November 2021	-	47.4	-	W	-	-	1,648.6	1,696.0
October 2021	-	35.5	-	W	-	-	1,630.3	1,665.8
November 2020	-	51.0	-	W	-	-	1,449.7	1,500.6
<b>PAD District 5</b>								
November 2021	W	W	W	W	-	W	19,669.7	20,170.6
October 2021	W	W	W	W	-	W	20,473.2	20,983.7
November 2020	14.8	434.0	W	19,478.6	W	W	20,096.4	20,545.2
<b>Alaska</b>								
November 2021	-	W	W	W	-	-	W	W
October 2021	-	W	W	W	-	-	W	W
November 2020	-	W	W	W	-	-	W	W
<b>Arizona</b>								
November 2021	-	-	-	3,564.6	-	-	3,564.6	3,564.6
October 2021	-	-	-	3,670.8	-	-	3,670.8	3,670.8
November 2020	-	-	-	3,392.0	-	-	3,392.0	3,392.0
<b>California</b>								
November 2021	7.4	-	W	8,587.9	-	W	8,675.6	8,682.9
October 2021	8.2	-	-	W	-	W	9,060.0	9,068.3
November 2020	6.4	-	-	W	-	W	9,447.4	9,453.8
<b>Hawaii</b>								
November 2021	-	-	-	395.4	-	W	W	W
October 2021	-	-	-	431.5	-	W	W	W
November 2020	-	-	-	NA	W	W	W	W
<b>Nevada</b>								
November 2021	W	-	W	1,526.0	-	-	W	1,532.3
October 2021	W	W	W	W	-	-	1,492.2	1,496.2
November 2020	W	W	W	W	-	-	1,432.6	1,441.7
<b>Oregon</b>								
November 2021	-	W	-	2,099.2	-	W	W	2,145.3
October 2021	-	W	-	2,226.4	-	W	W	2,258.8
November 2020	W	W	-	W	-	W	2,016.4	2,038.1
<b>Washington</b>								
November 2021	W	W	W	2,927.4	-	W	2,971.8	2,979.0
October 2021	W	W	W	3,143.1	-	W	3,194.6	3,203.5
November 2020	W	W	W	2,833.1	-	W	2,853.3	2,863.5

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.